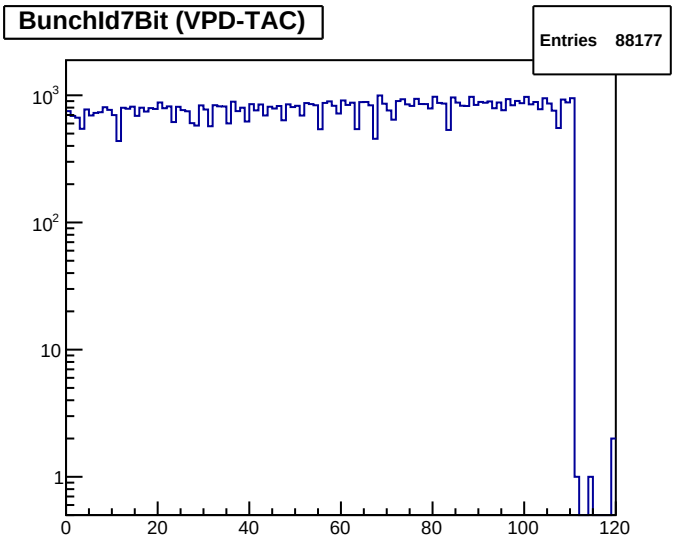
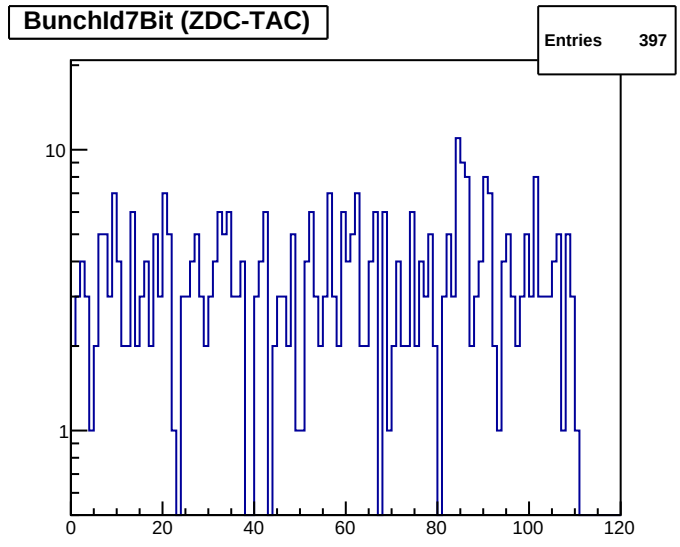
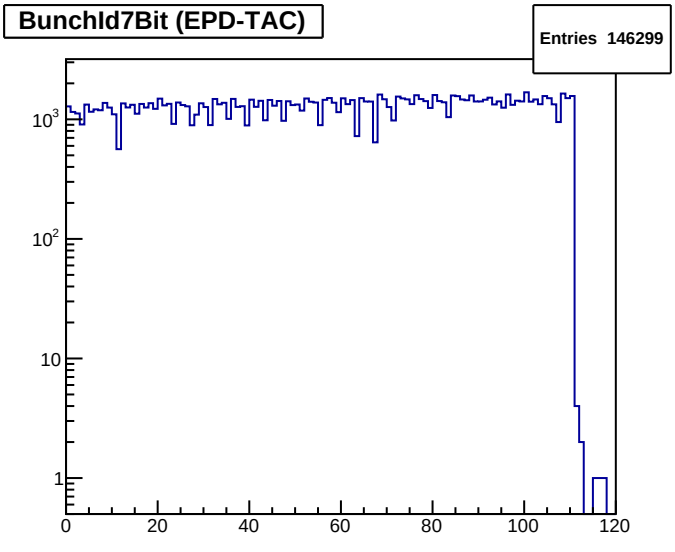
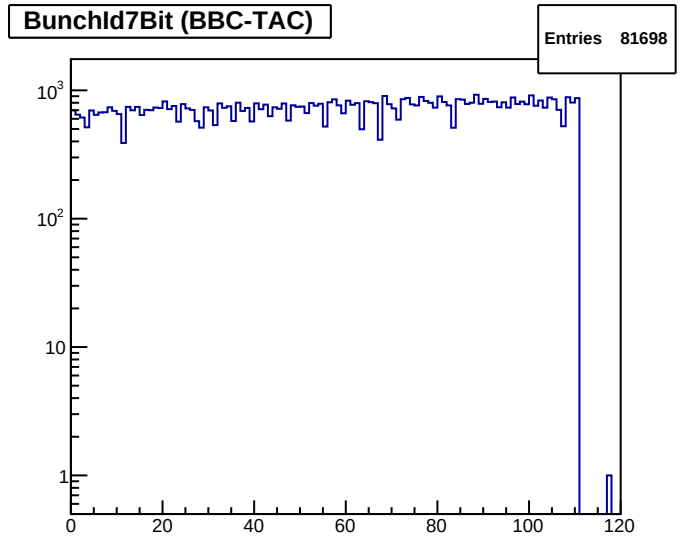
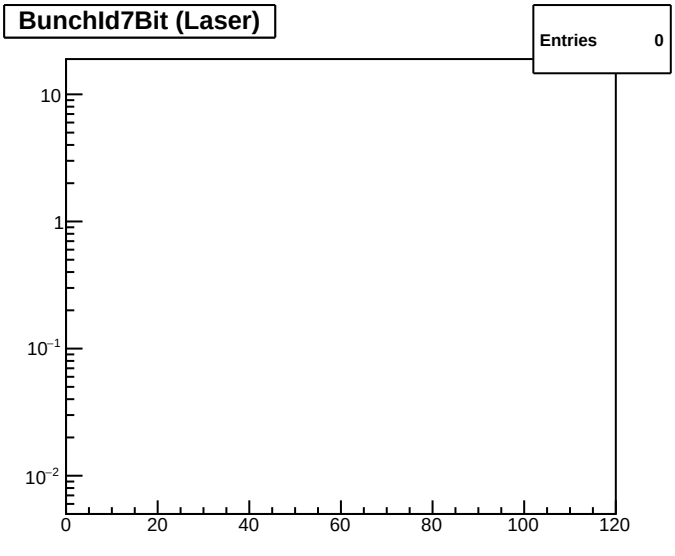
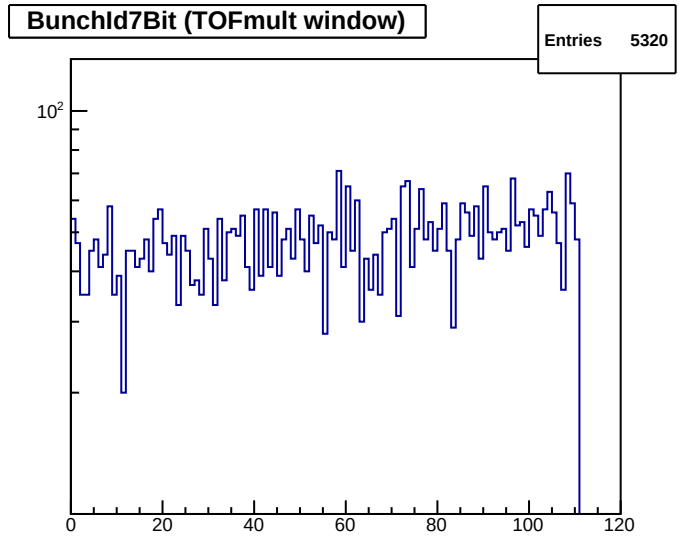

BunchId7Bit (VPD-TAC)
Entries 88177

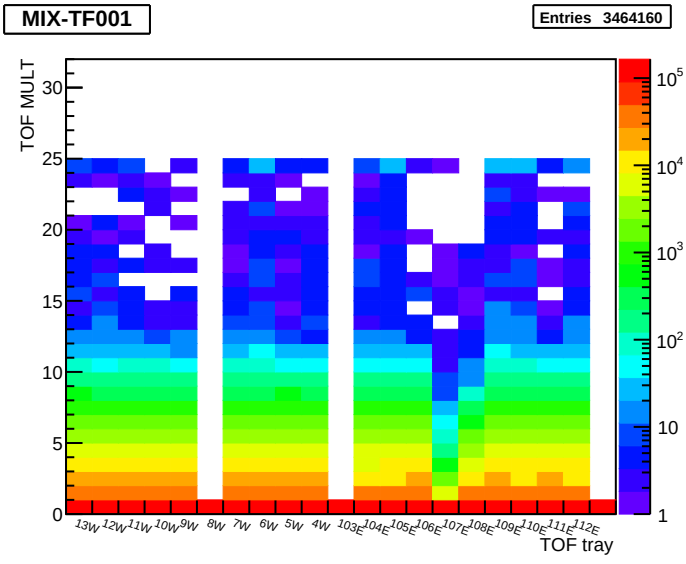

BunchId7Bit (ZDC-TAC)
Entries 397

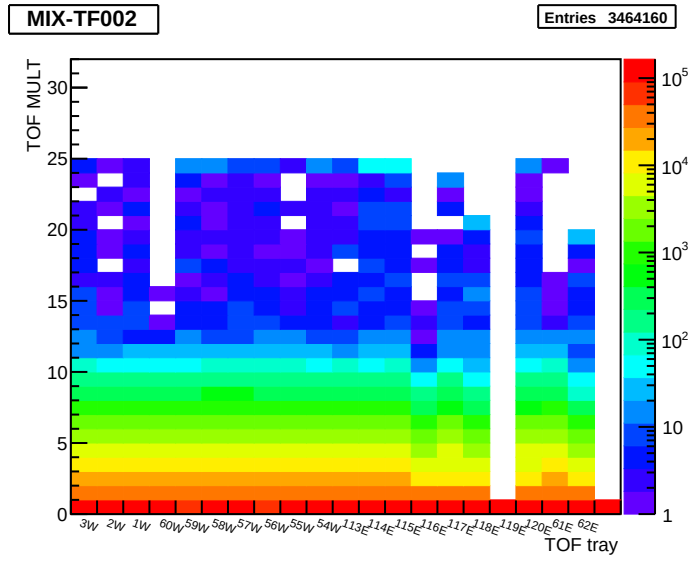

BunchId7Bit (EPD-TAC)
Entries 146299

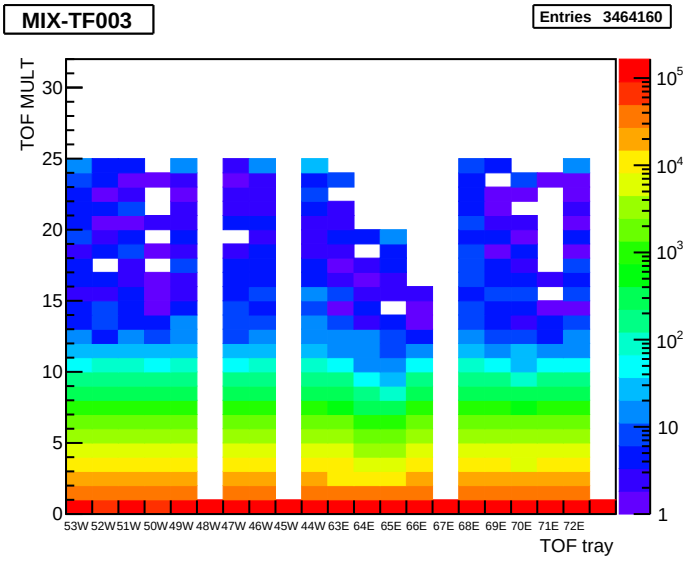

BunchId7Bit (BBC-TAC)
Entries 81698

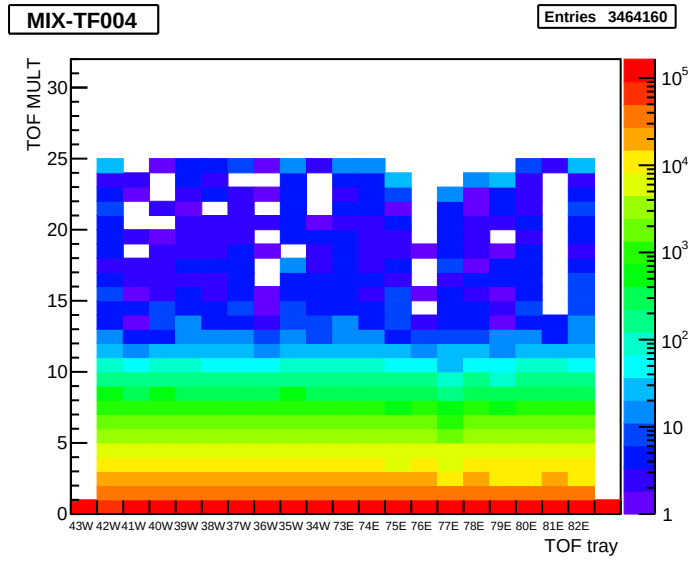

BunchId7Bit (Laser)
Entries 0

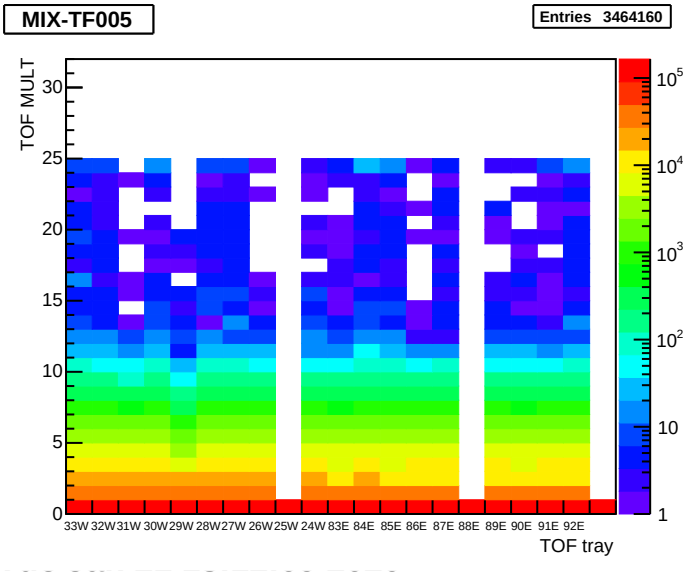

BunchId7Bit (TOFmult window)
Entries 5320

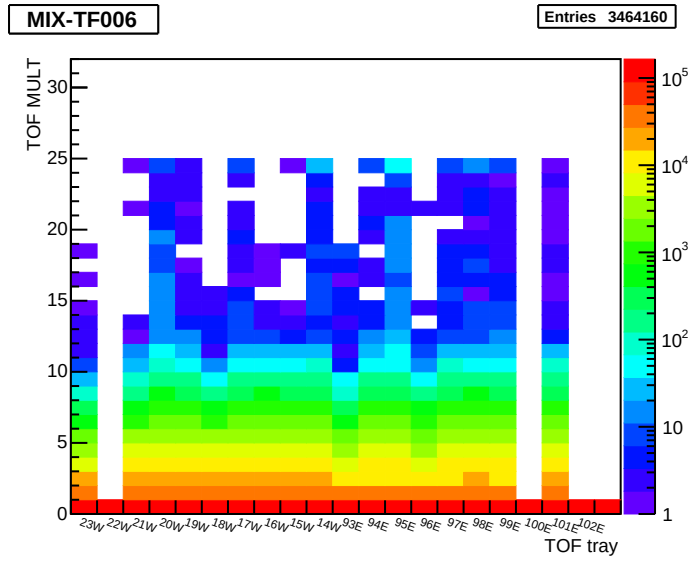

MIX-TF001
Entries 3464160
TOF MULT
TOF tray

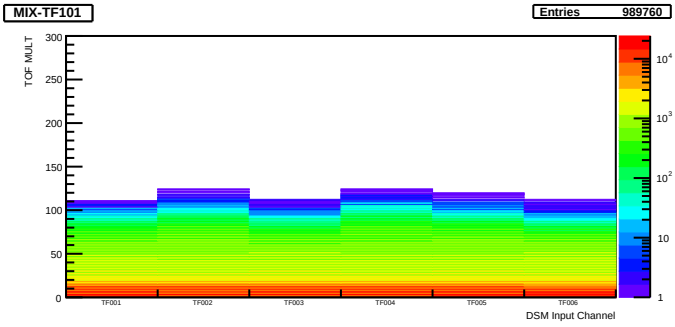

MIX-TF002
Entries 3464160
TOF MULT
TOF tray

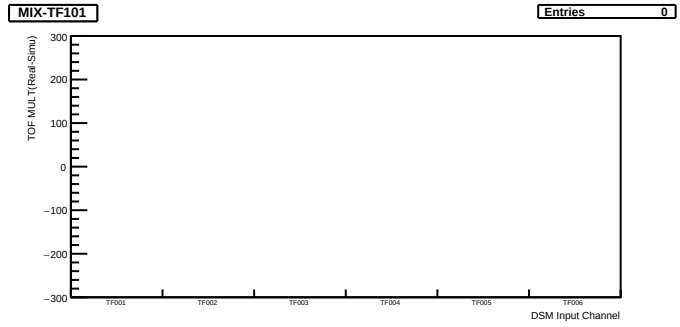

MIX-TF003
Entries 3464160
TOF MULT
TOF tray

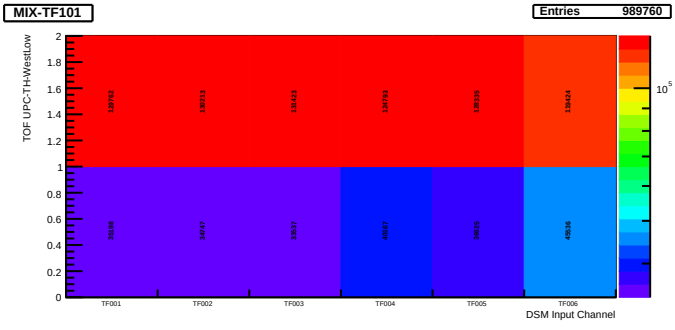

MIX-TF004
Entries 3464160
TOF MULT
TOF tray

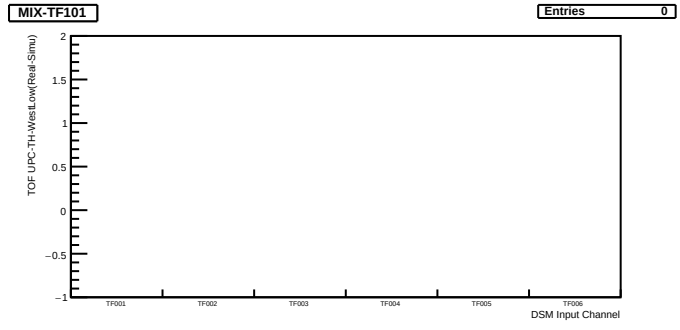

MIX-TF005
Entries 3464160
TOF MULT
TOF tray

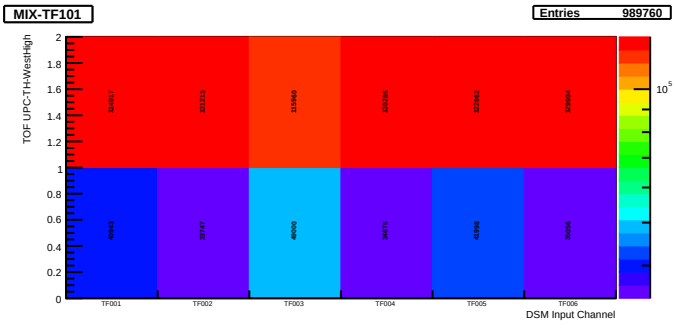

MIX-TF006
Entries 3464160
TOF MULT
TOF tray

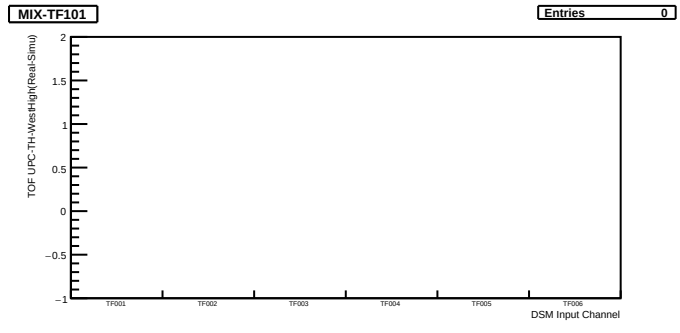

MIX-TF101
Entries 989760
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

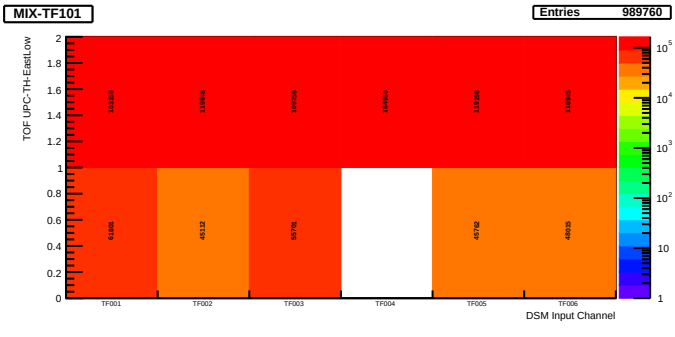

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

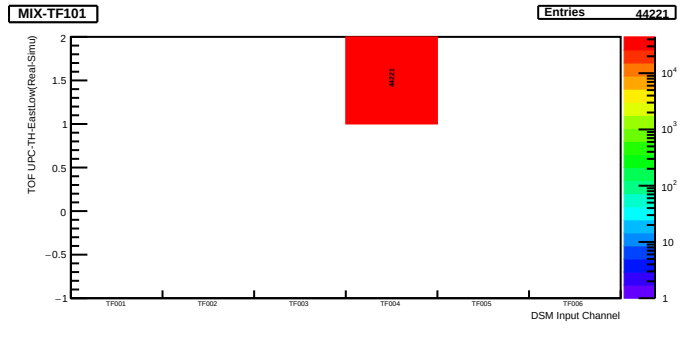

MIX-TF101
Entries 989760
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

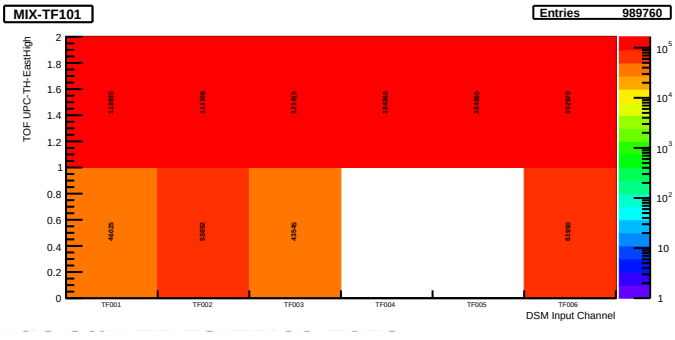

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

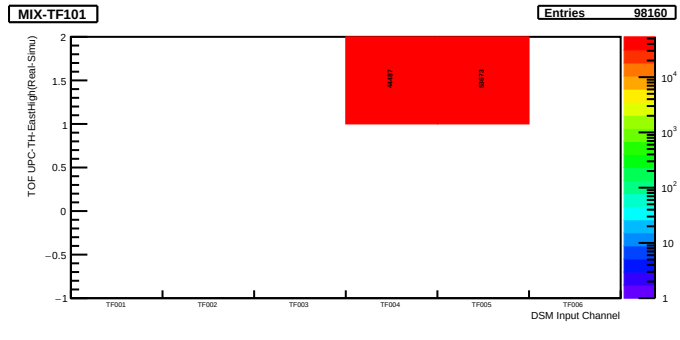

MIX-TF101
Entries 989760
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

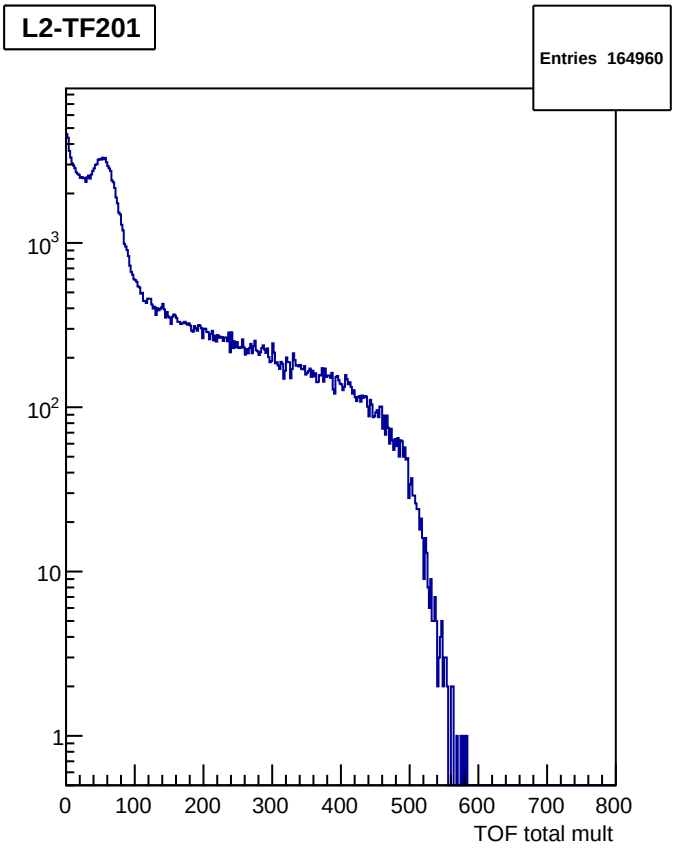

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

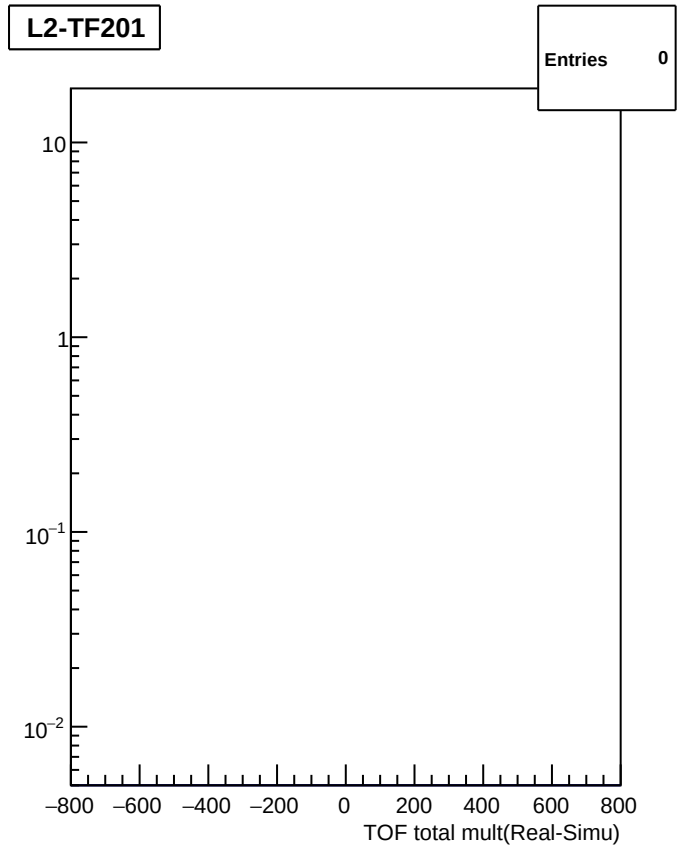

MIX-TF101
Entries 989760
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

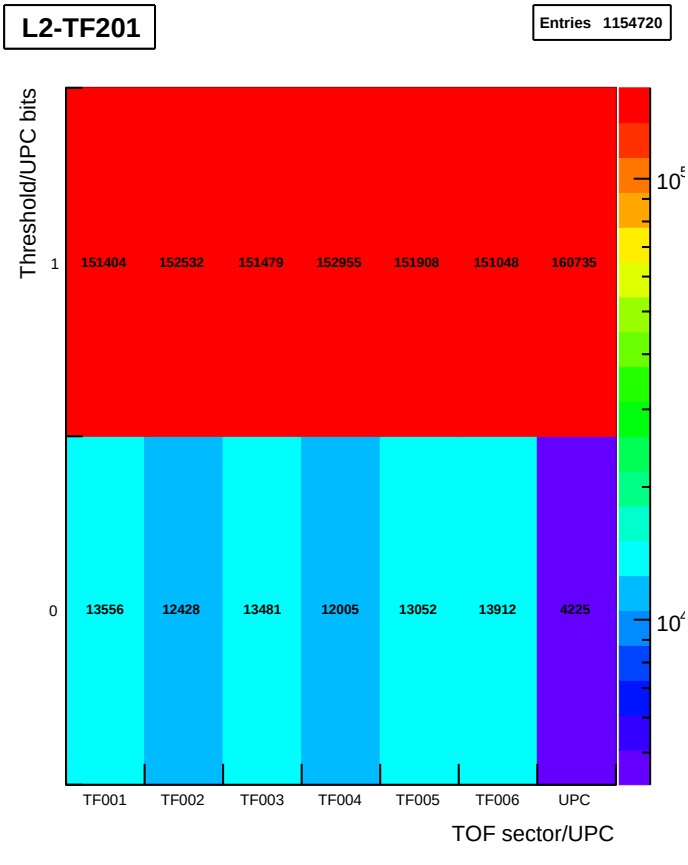

MIX-TF101
Entries 44221
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

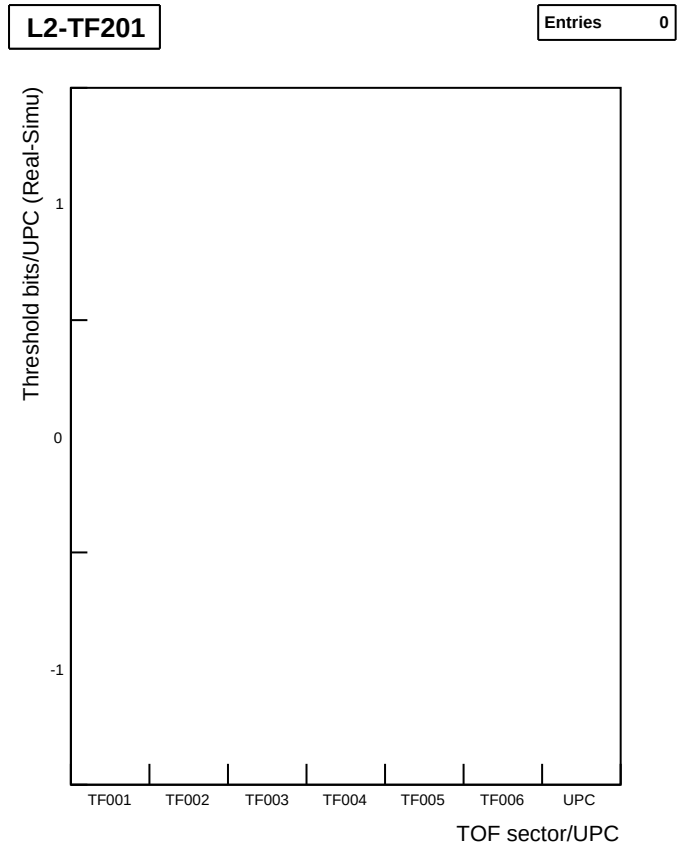

MIX-TF101
Entries 989760
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

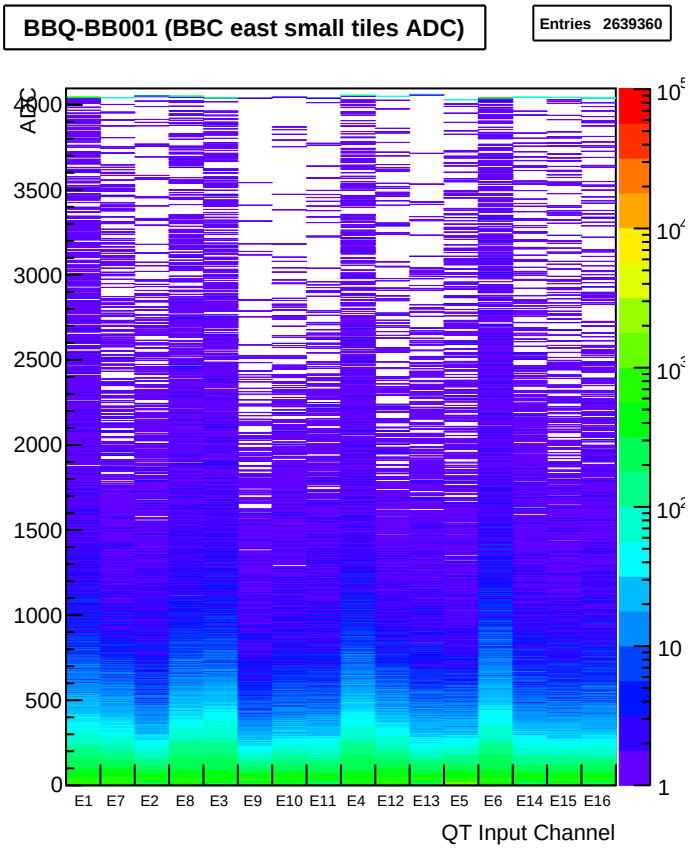

MIX-TF101
Entries 98160
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

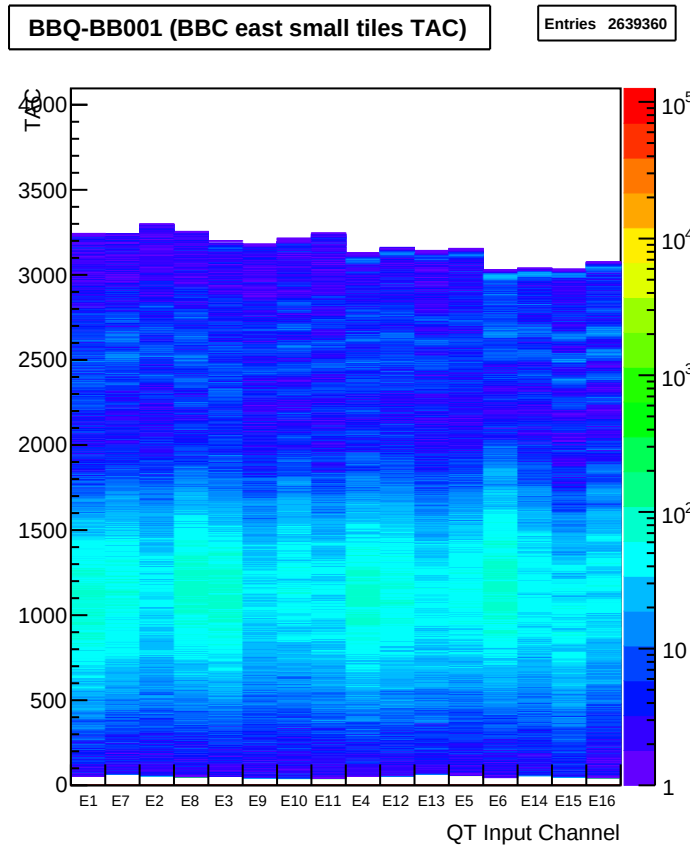

L2-TF201
Entries 164960
TOF total mult

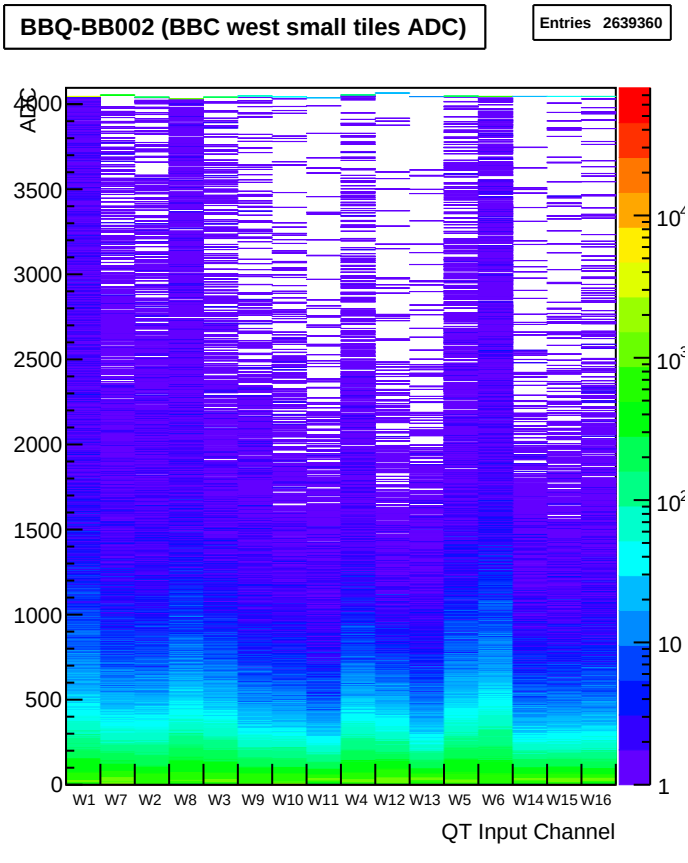

L2-TF201
Entries 0
TOF total mult(Real-Simu)

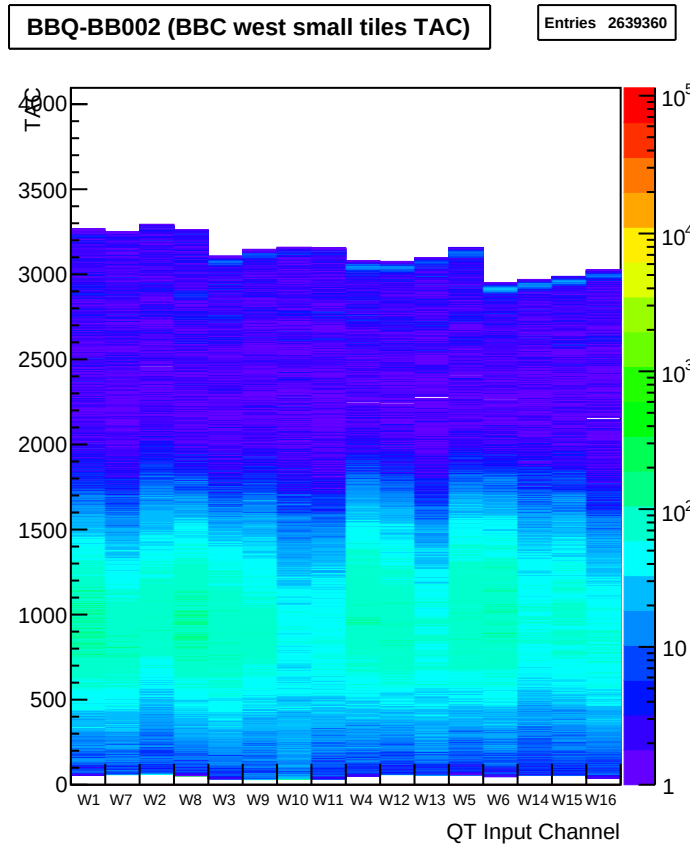

L2-TF201
Entries 1154720
Threshold/UPC bits
151404
152532
151479
152955
151908
151048
160735
13556
12428
13481
12005
13052
13912
4225
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

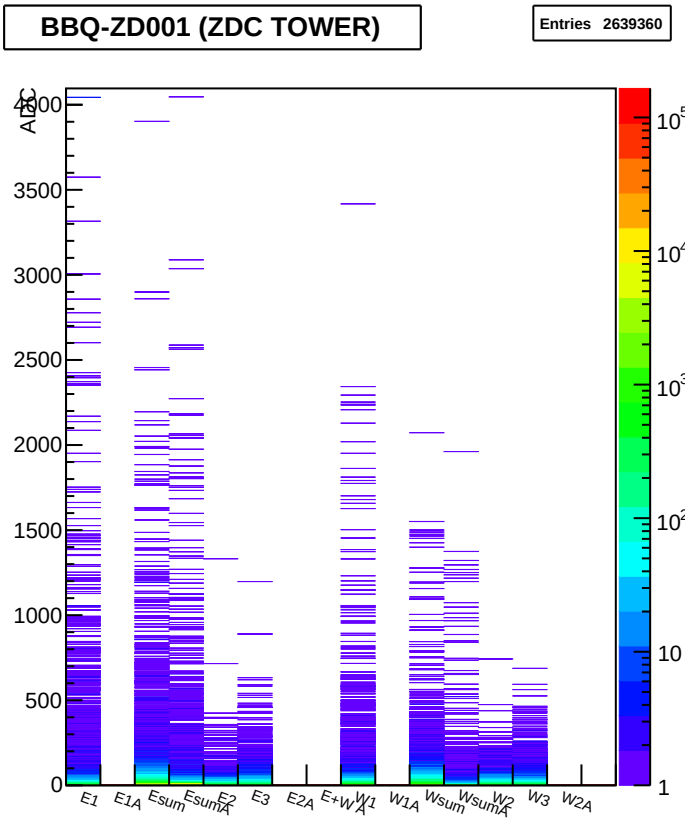

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

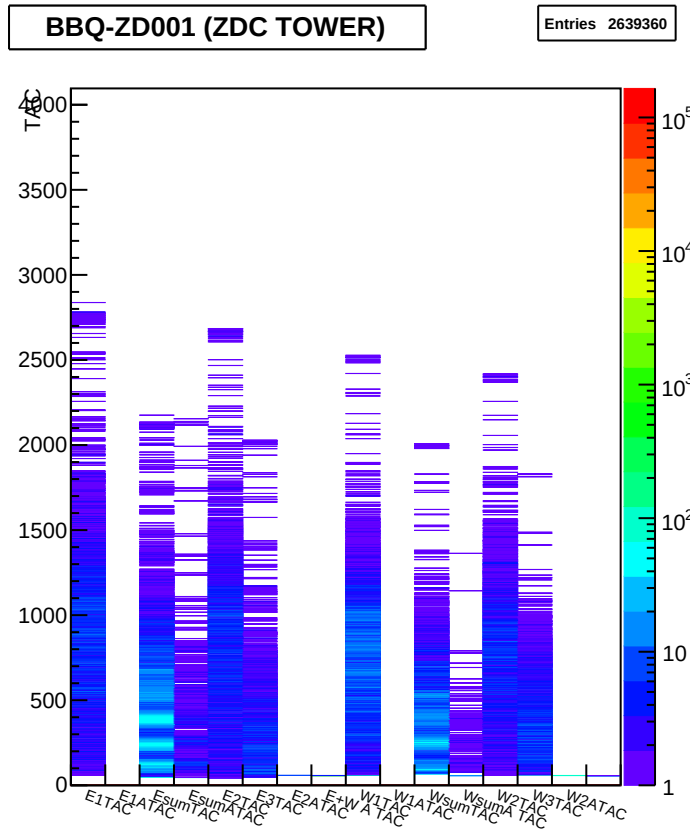

BBQ-BB001 (BBC east small tiles ADC)
Entries 2639360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

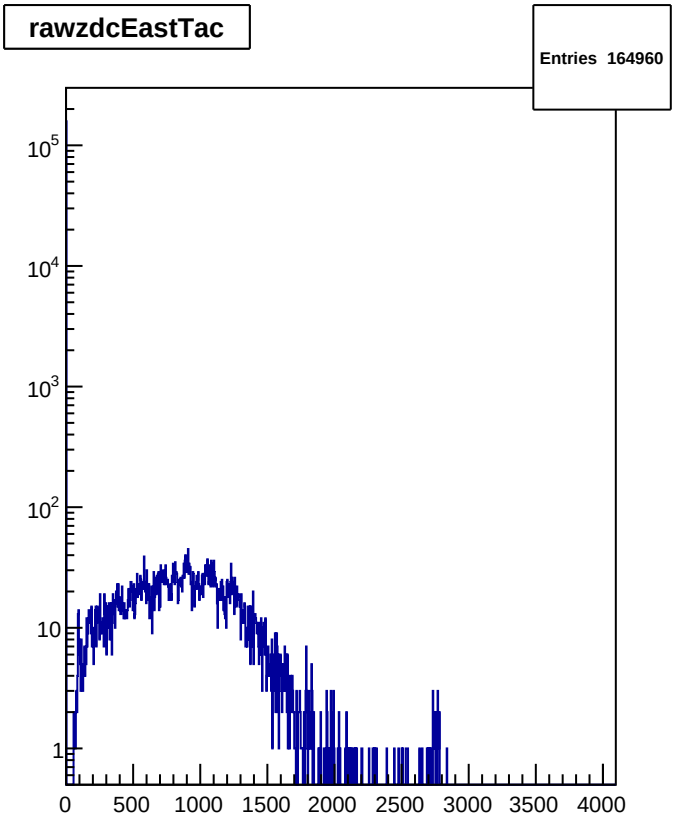

BBQ-BB001 (BBC east small tiles TAC)
Entries 2639360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

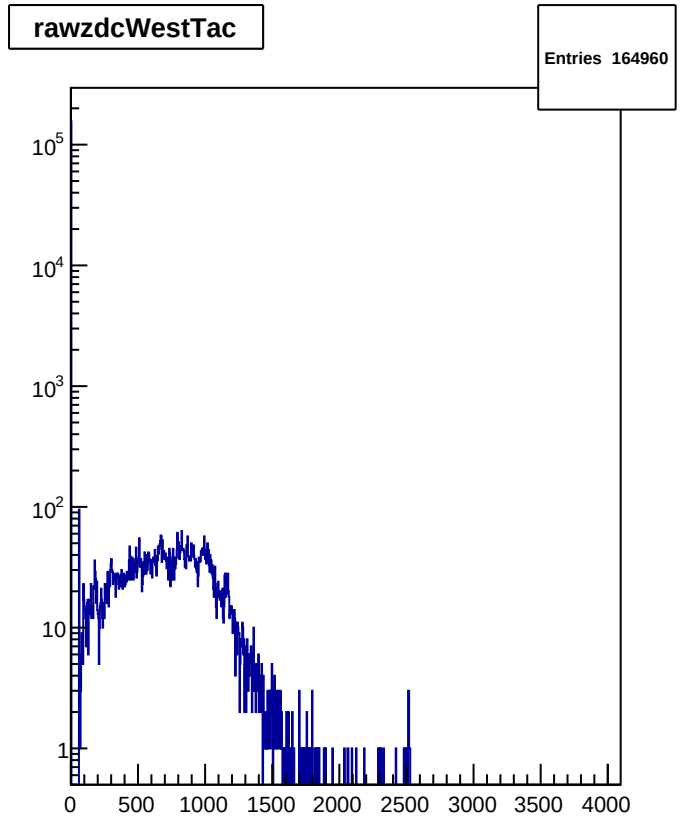

BBQ-BB002 (BBC west small tiles ADC)
Entries 2639360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

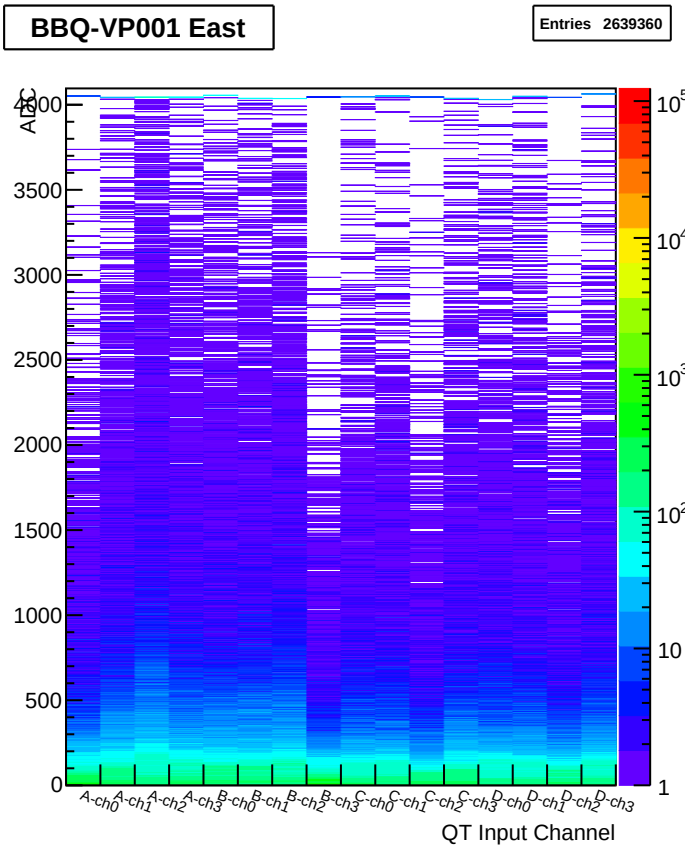

BBQ-BB002 (BBC west small tiles TAC)
Entries 2639360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

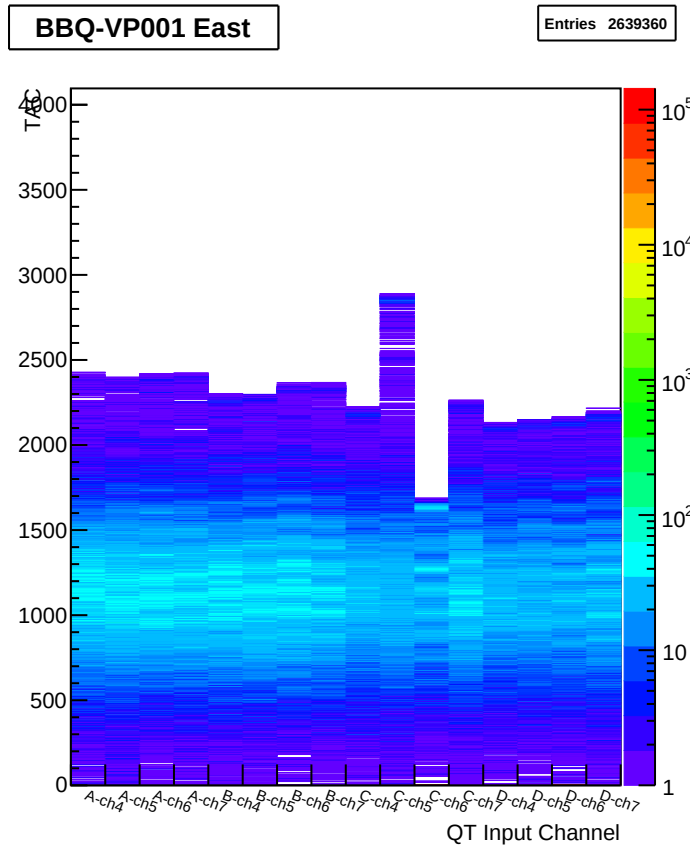

BBQ-ZD001 (ZDC TOWER)
Entries 2639360
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

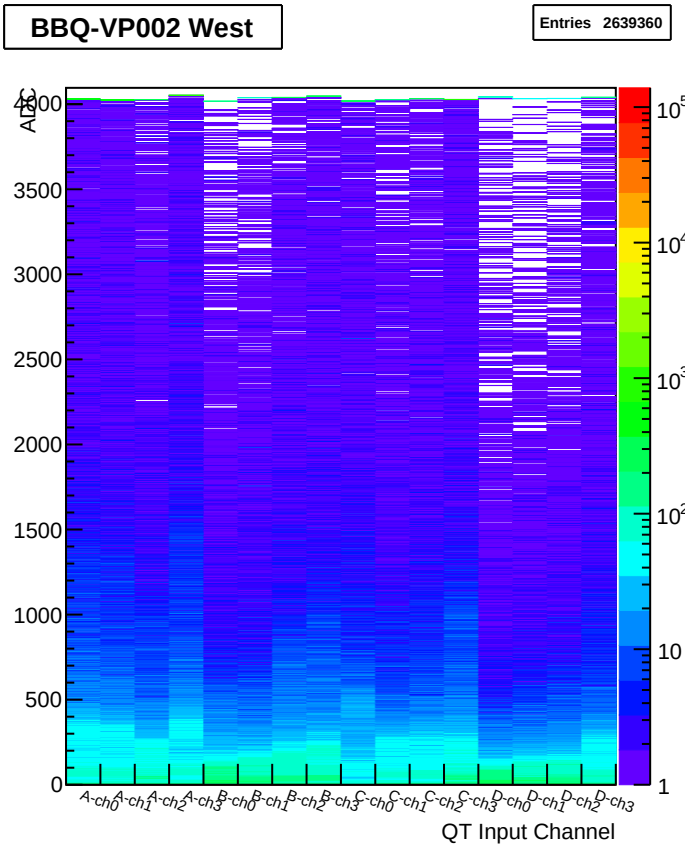

BBQ-ZD001 (ZDC TOWER)
Entries 2639360
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

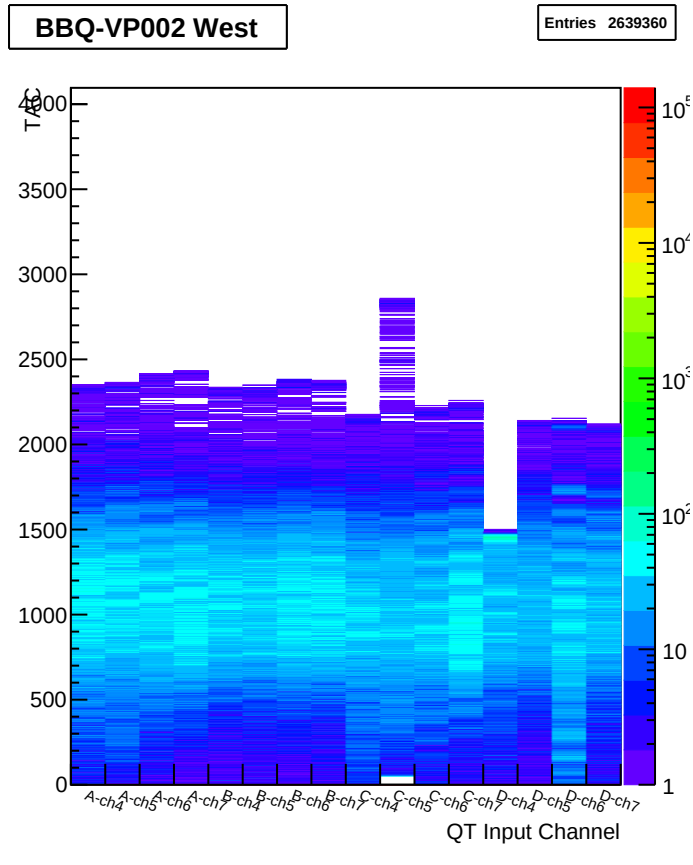

rawzdcEastTac
Entries 164960

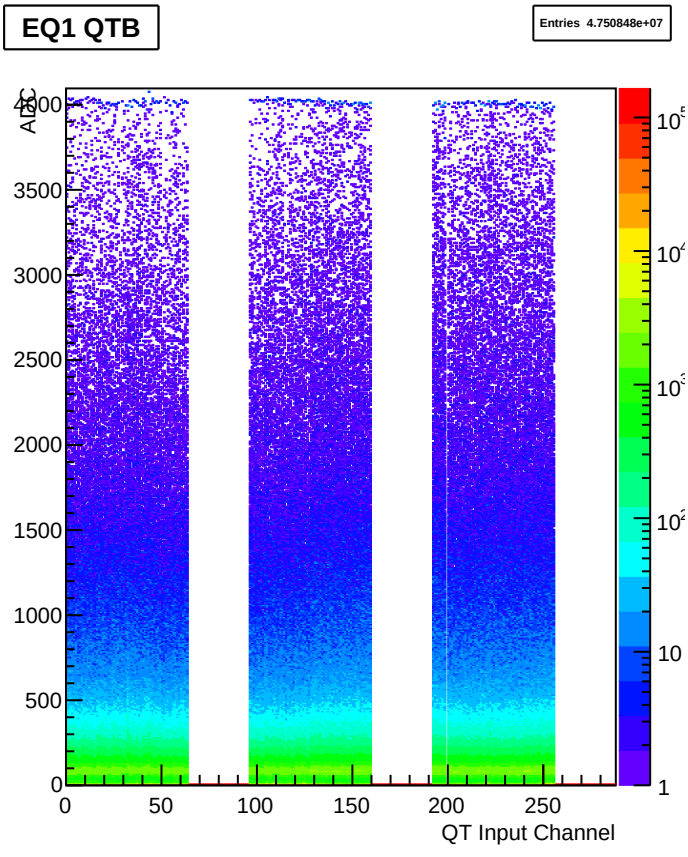

rawzdcWestTac
Entries 164960

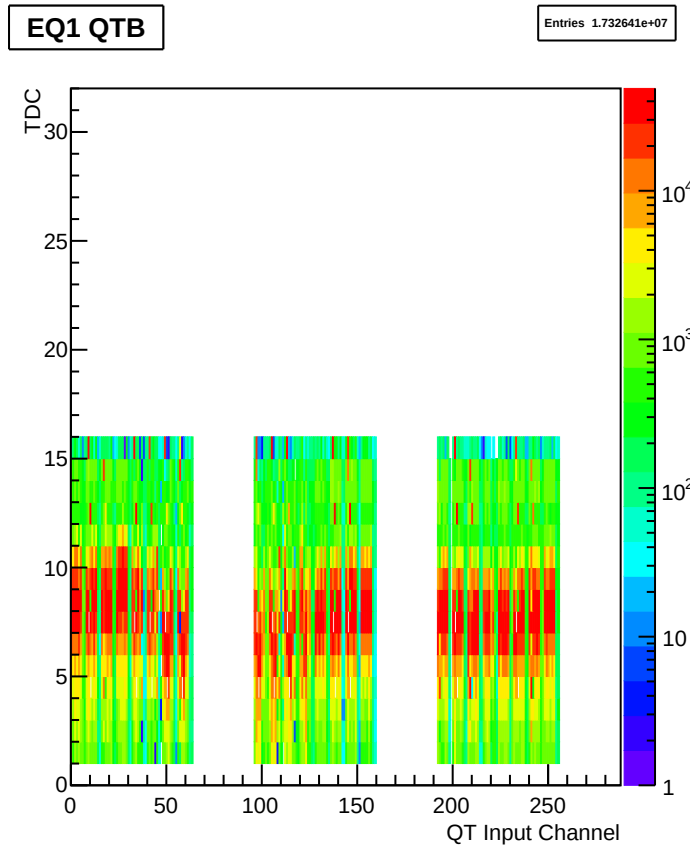

BBQ-VP001 East
Entries 2639360
ADC
QT Input Channel

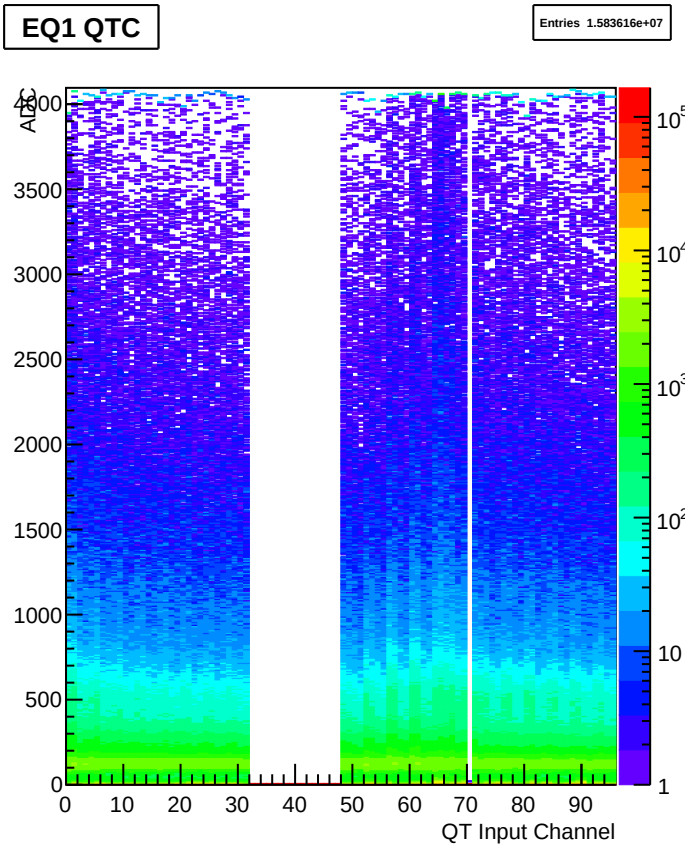

BBQ-VP001 East
Entries 2639360
ADC
QT Input Channel

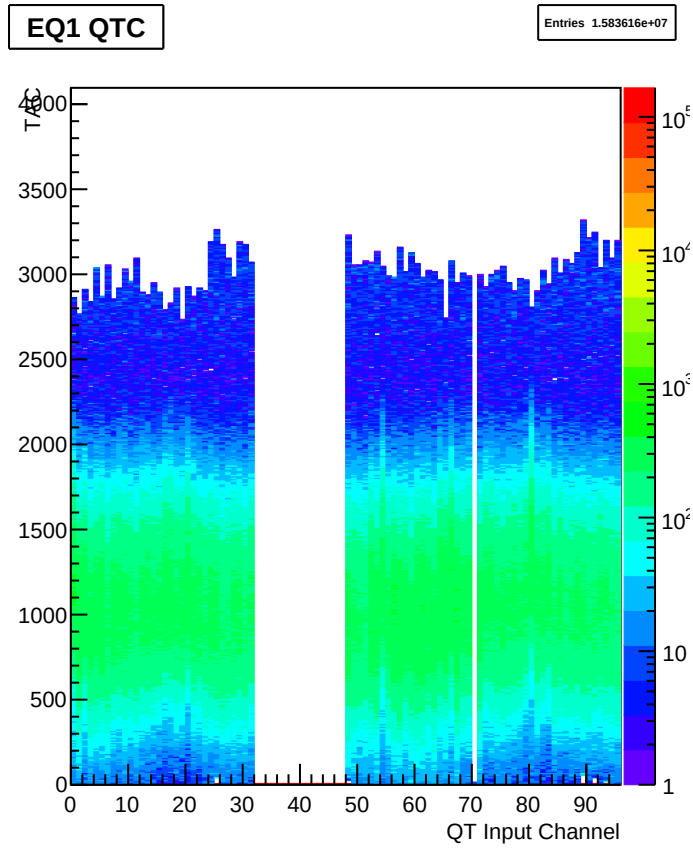

BBQ-VP002 West
Entries 2639360
ADC
QT Input Channel

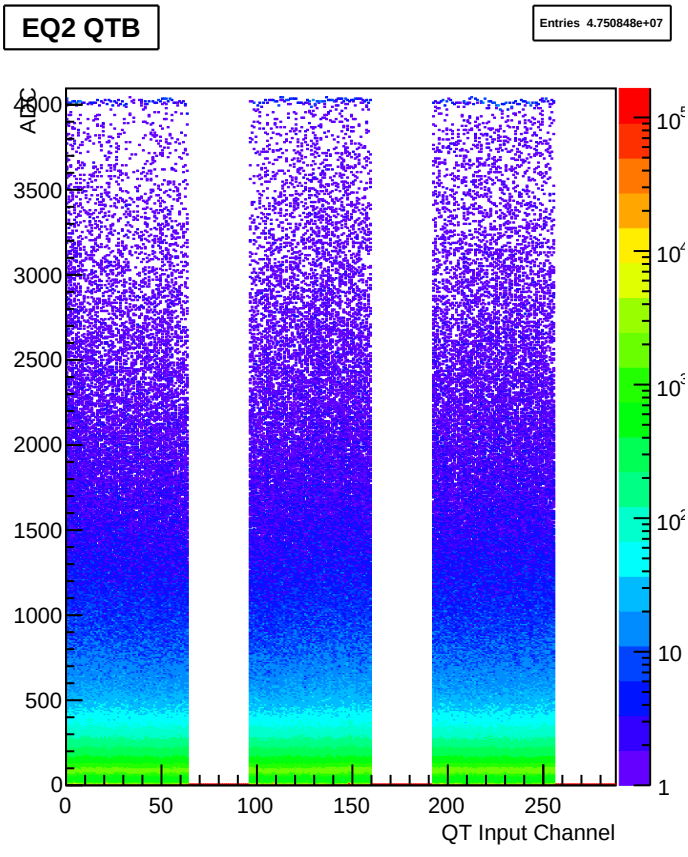

BBQ-VP002 West
Entries 2639360
ADC
QT Input Channel

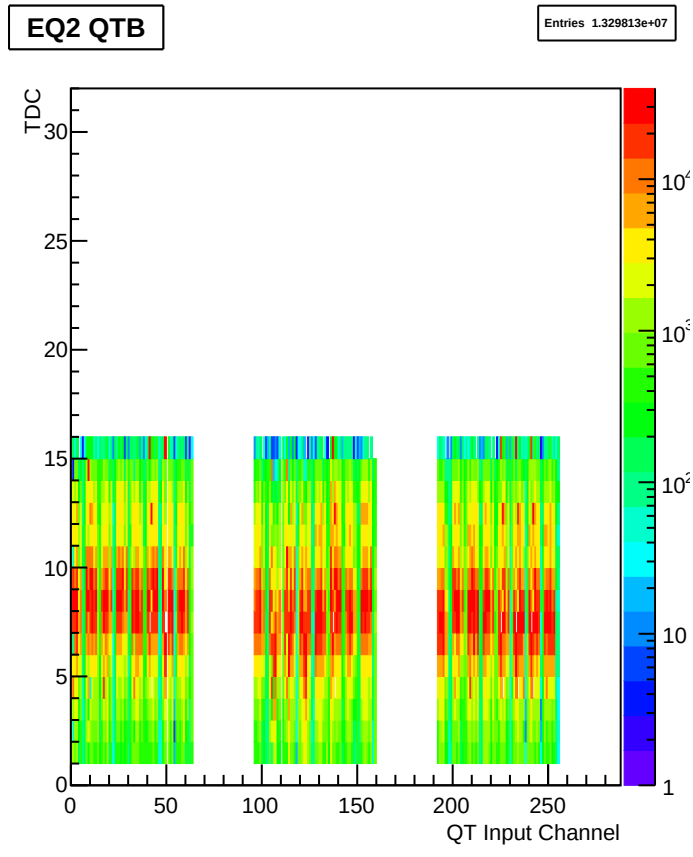

EQ1 QTB
Entries 4.750848e+07
ADC
QT Input Channel

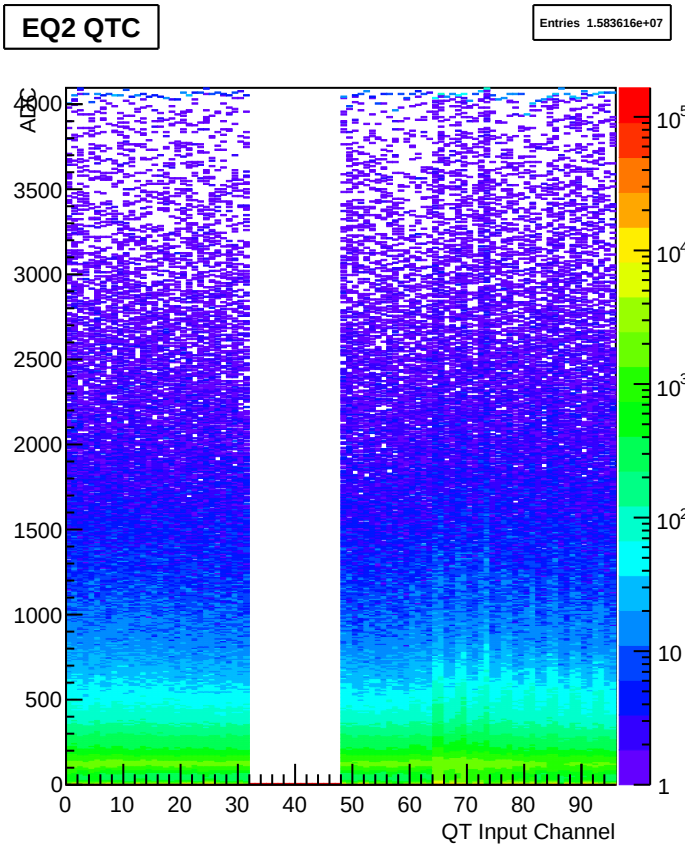

EQ1 QTB
Entries 1.732641e+07
TDC
QT Input Channel

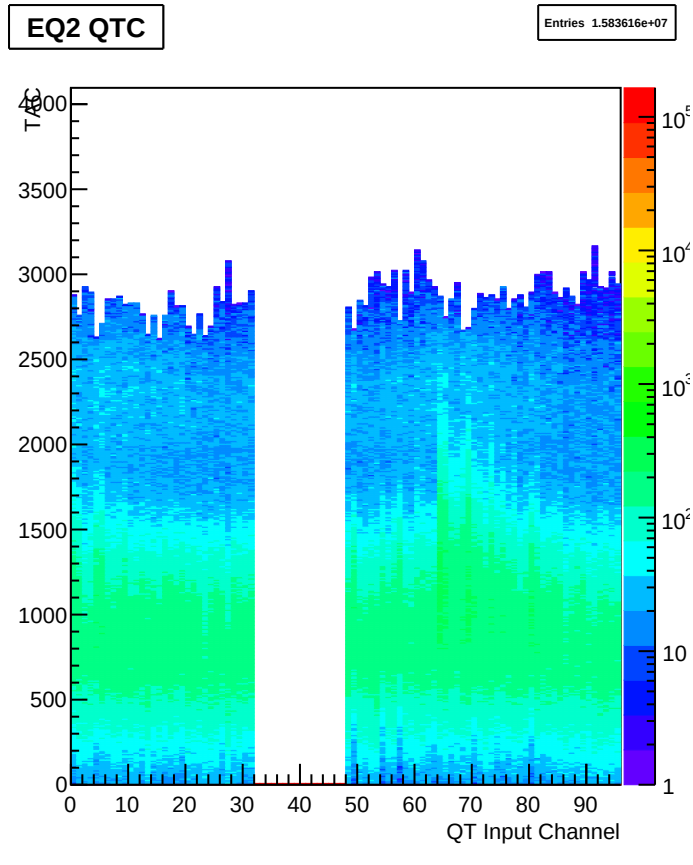

EQ1 QTC
Entries 1.583616e+07
ADC
QT Input Channel

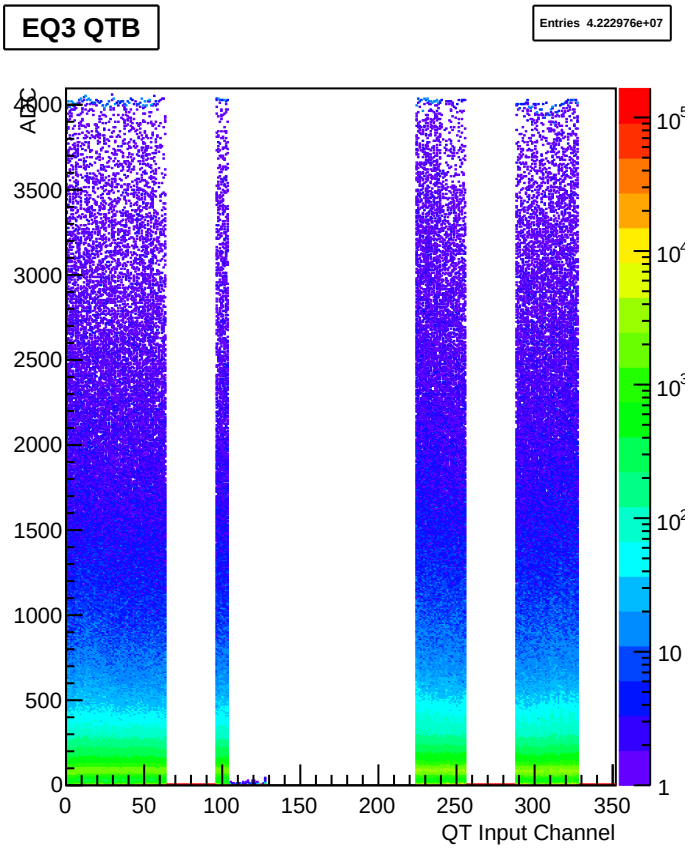

EQ1 QTC
Entries 1.583616e+07
TADC
QT Input Channel

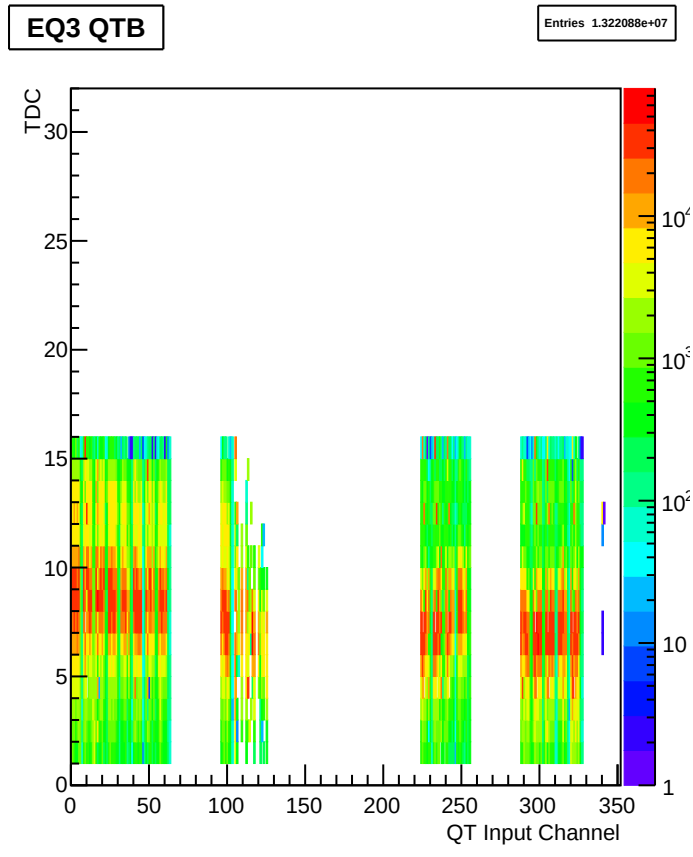

EQ2 QTB
Entries 4.750848e+07
ADC
QT Input Channel

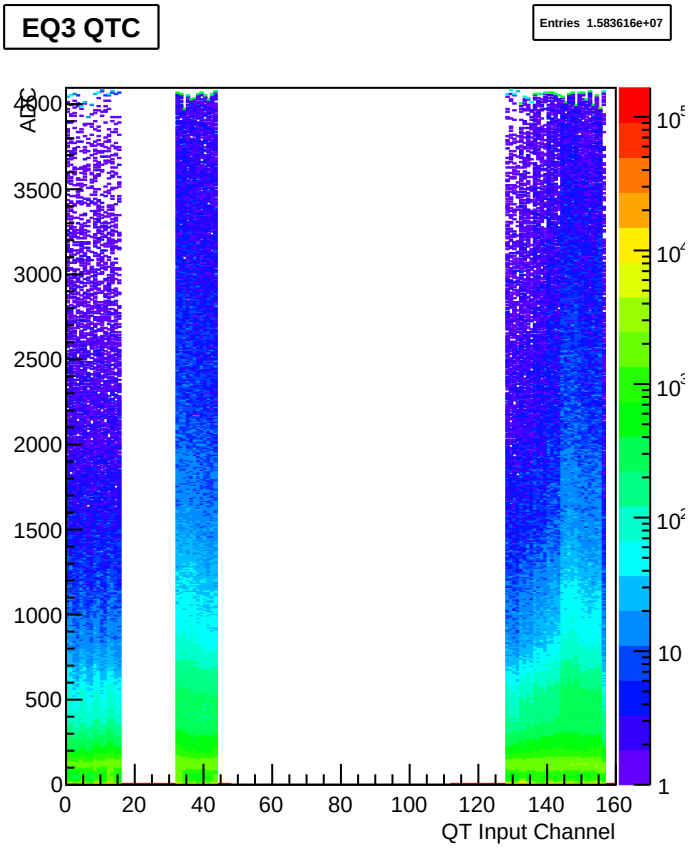

EQ2 QTB
Entries 1.329813e+07
TDC
QT Input Channel

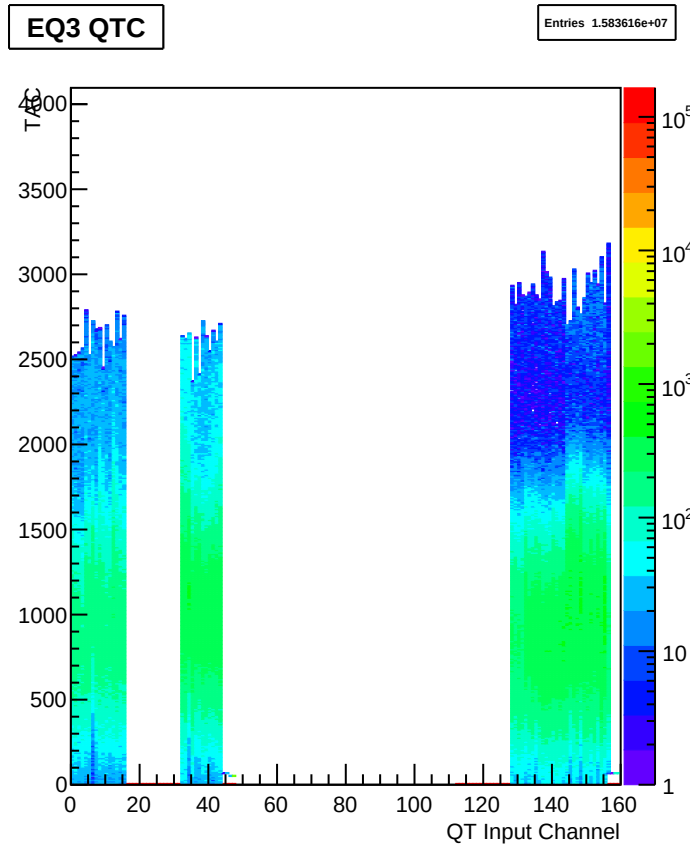

EQ2 QTC
Entries 1.583616e+07
ADC
QT Input Channel

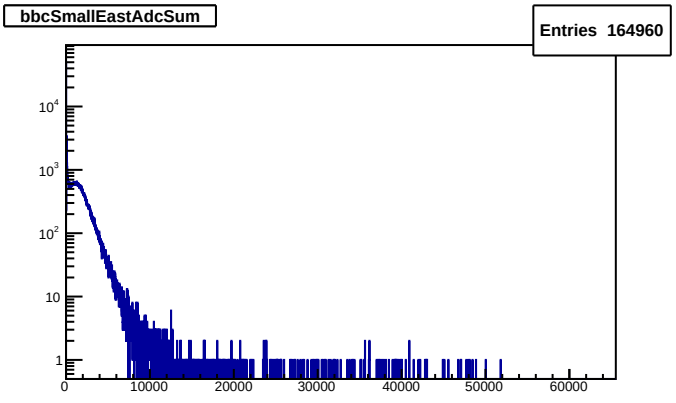

EQ2 QTC
Entries 1.583616e+07
TADC
QT Input Channel

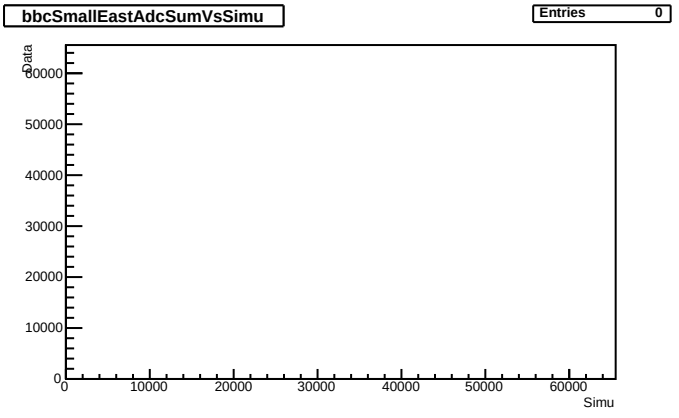

EQ3 QTB
Entries 4.222976e+07
ADC
QT Input Channel

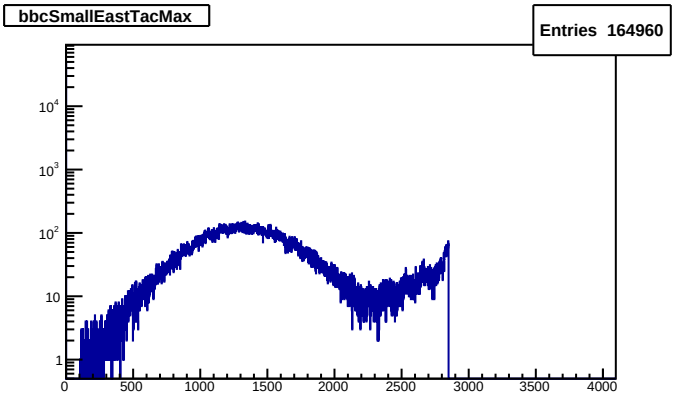

EQ3 QTB
Entries 1.322088e+07
TDC
QT Input Channel

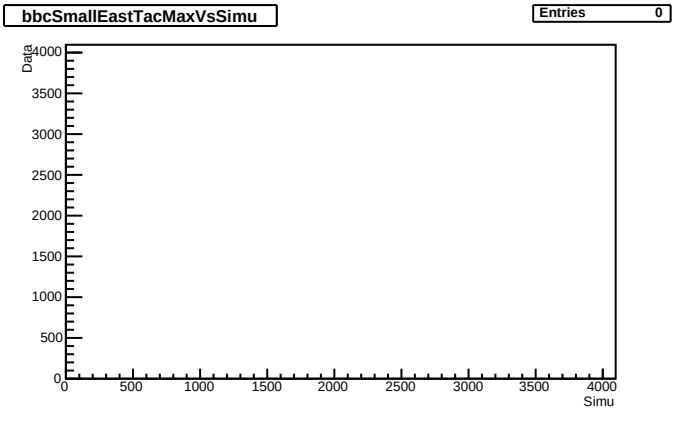

EQ3 QTC
Entries 1.583616e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.583616e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 164960


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 164960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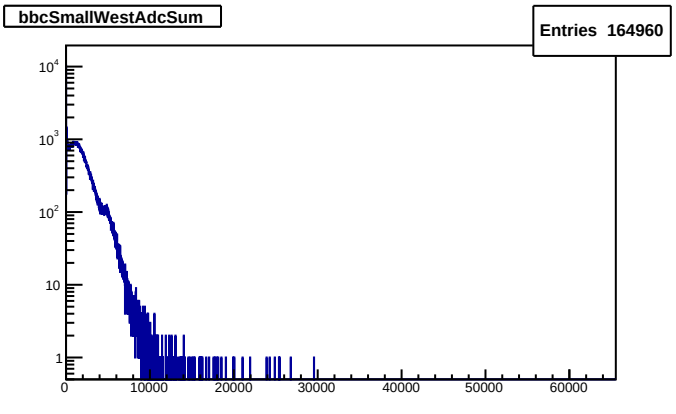
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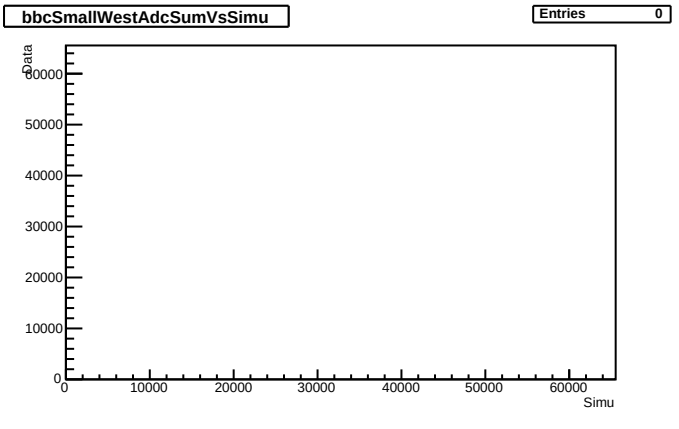
Entries 164960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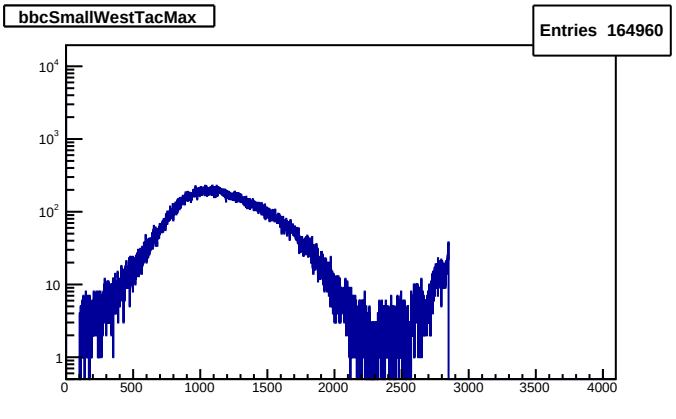
Simu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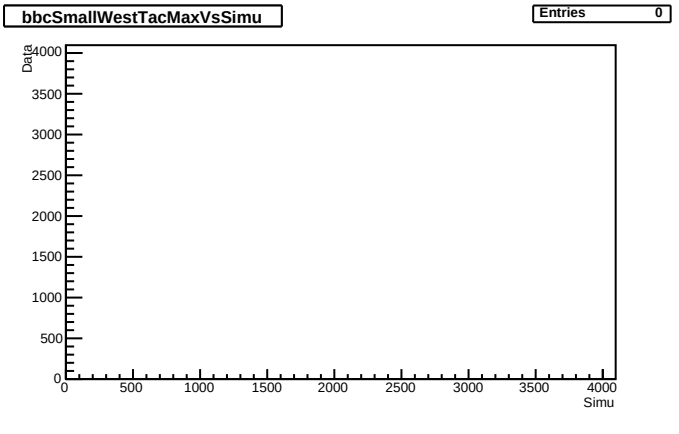
Entries 164960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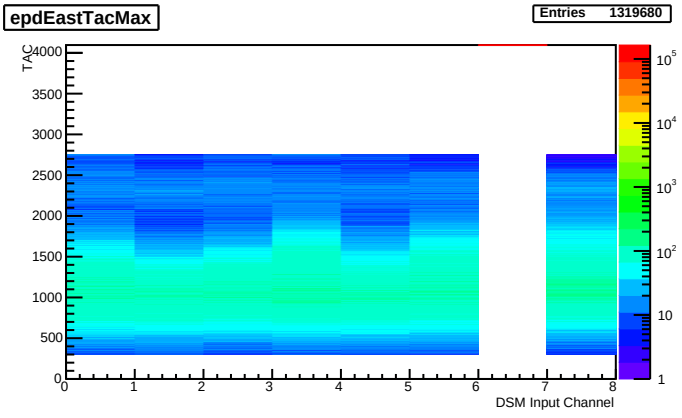
Entries 0
Data
Simu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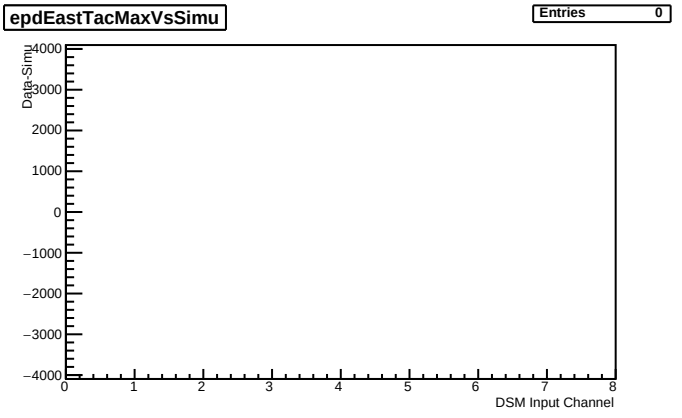
Entries 1319680
TAC
DSM Input Channel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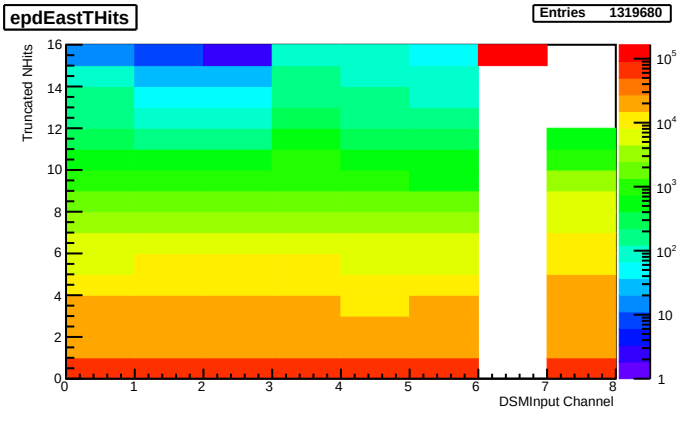
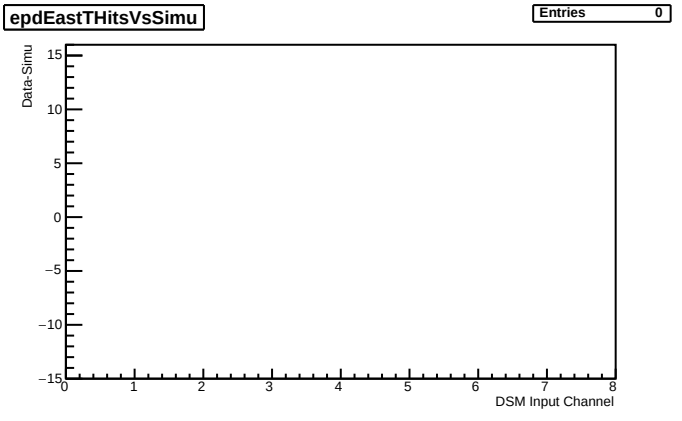
DSM Input Channel


epdEastTHits
Entries 1319680
Truncated NHits
DSMInput Channel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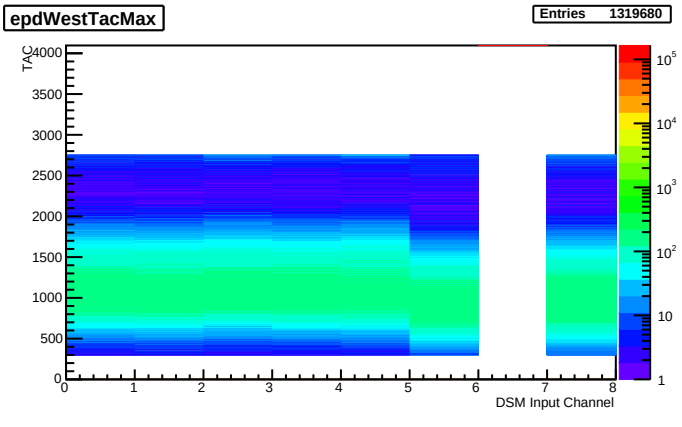
DSM Input Channel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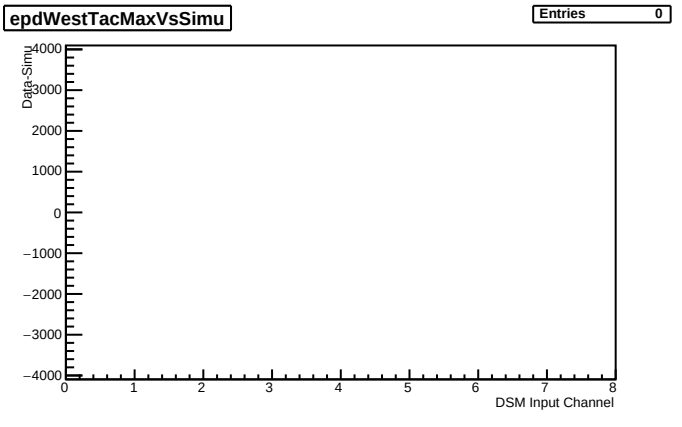
DSM Input Channel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Entries 0
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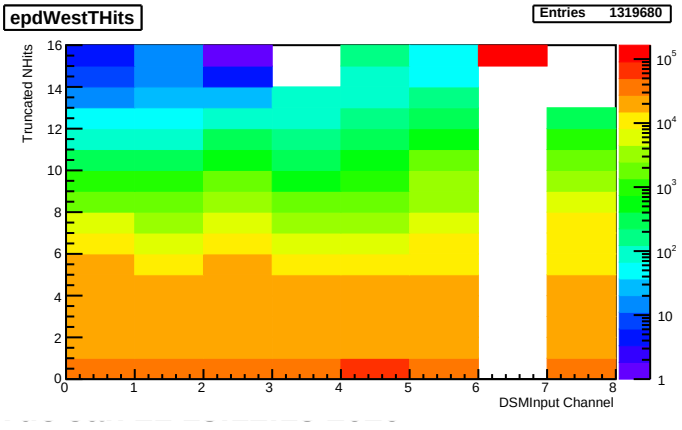
DSM Input Channel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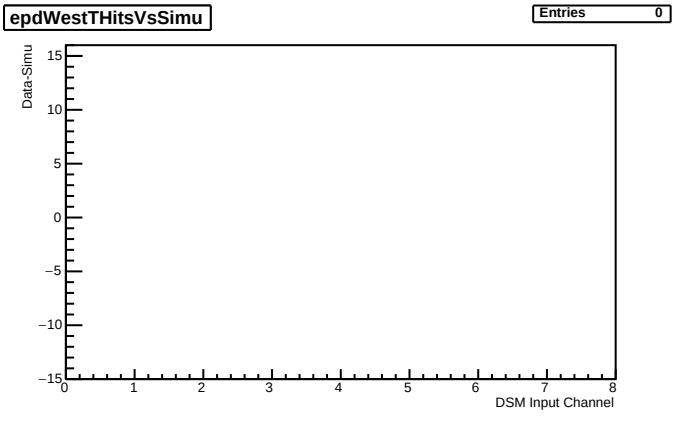
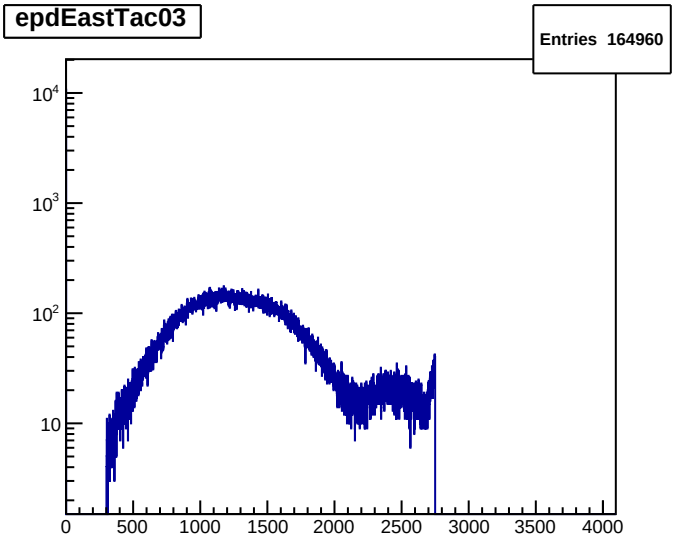
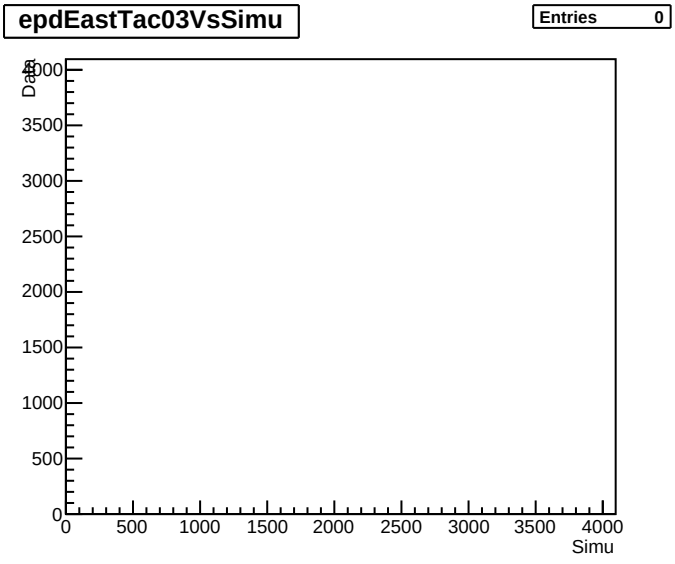
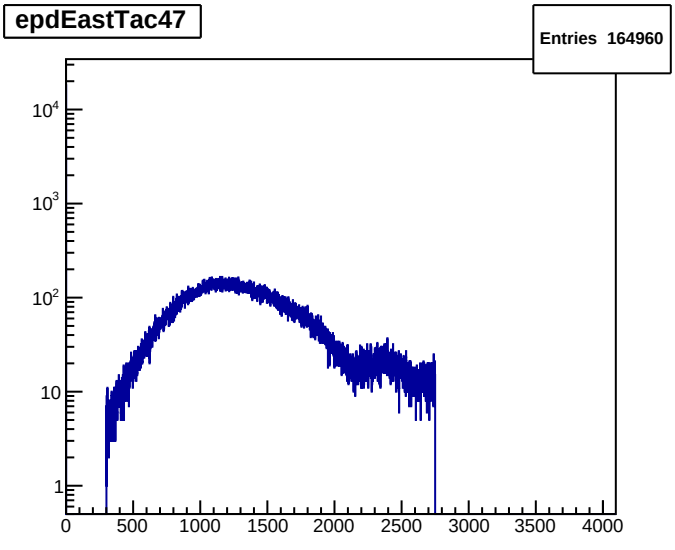
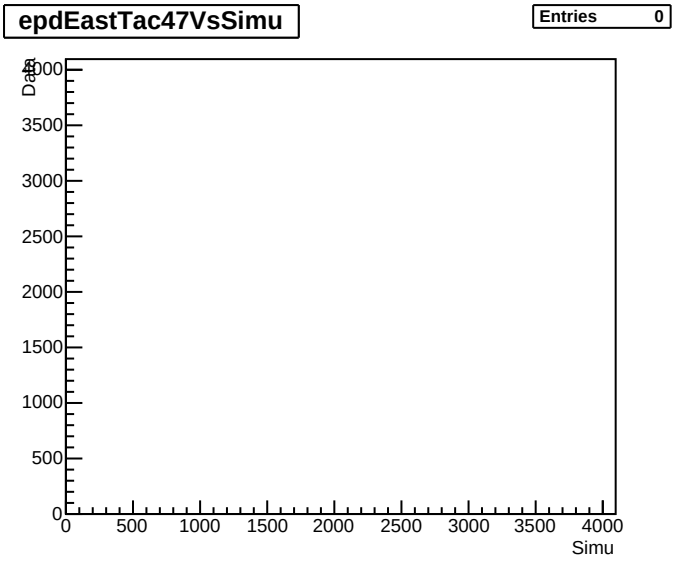
Entries 1319680
Truncated NHits
DSMInput Channel

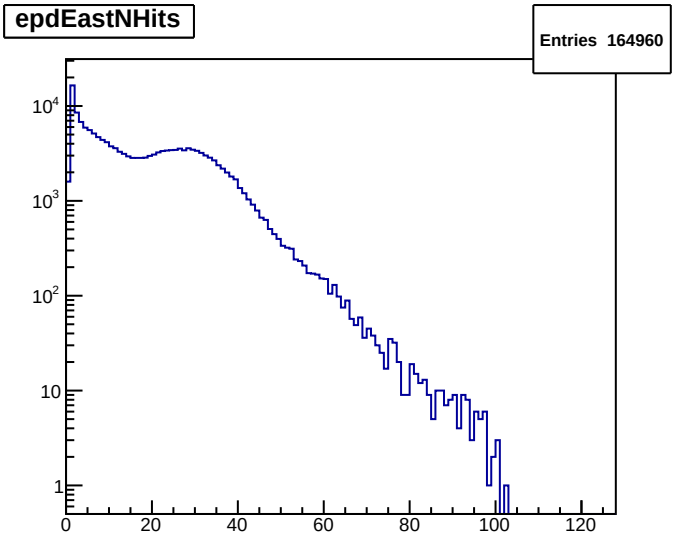

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

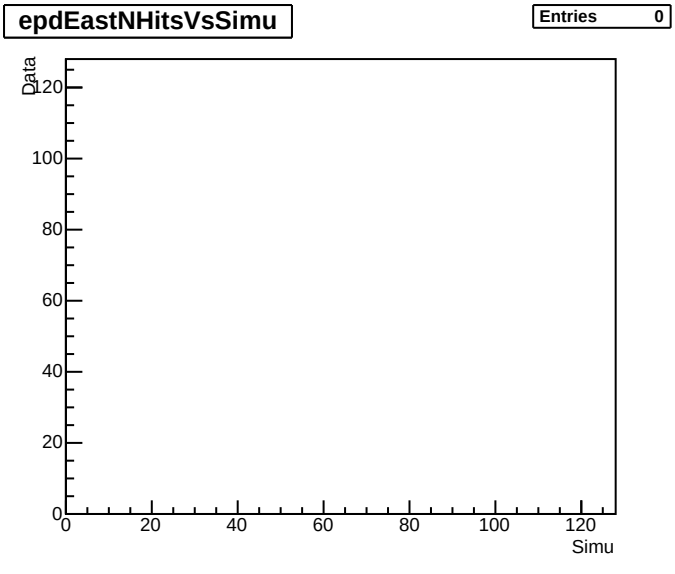

epdEastTac03
Entries 164960


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 164960


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 164960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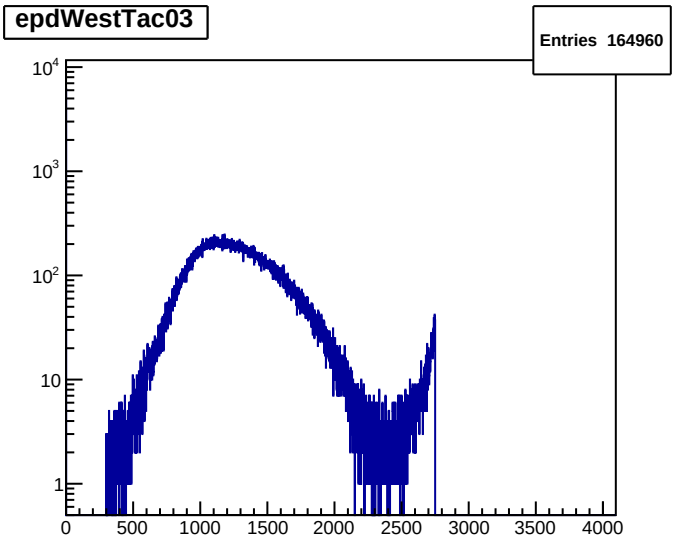
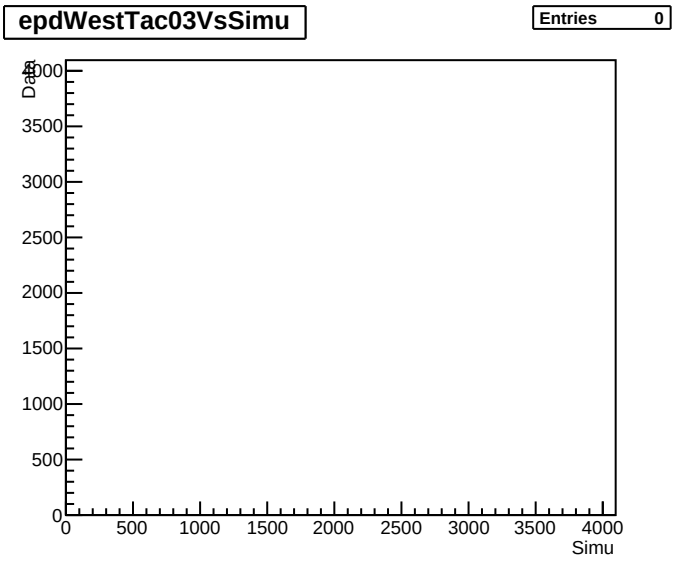
Data
Simu


epdWestTac03
Entries 164960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Entries 0
Data
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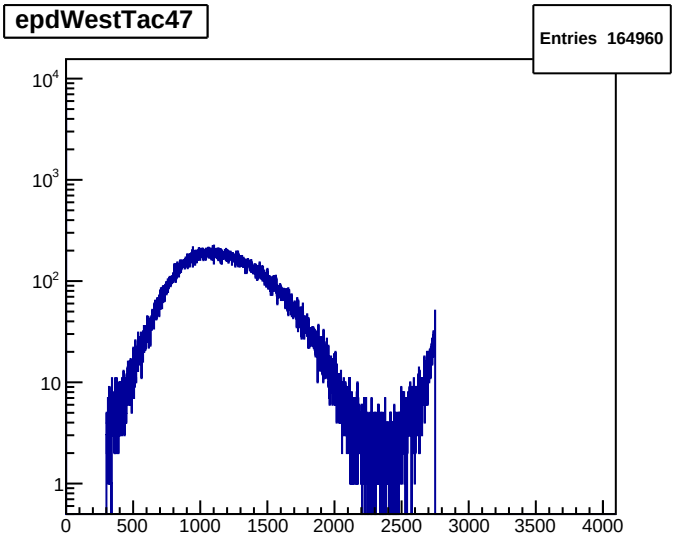
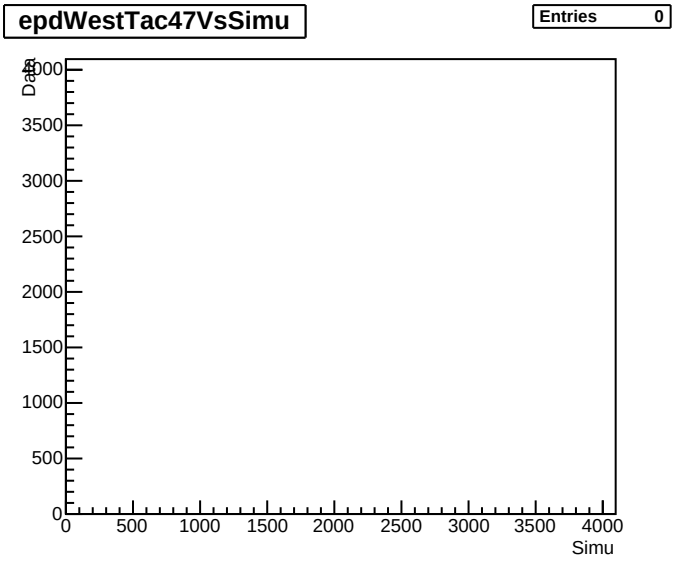

epdWestTac47
Entries 164960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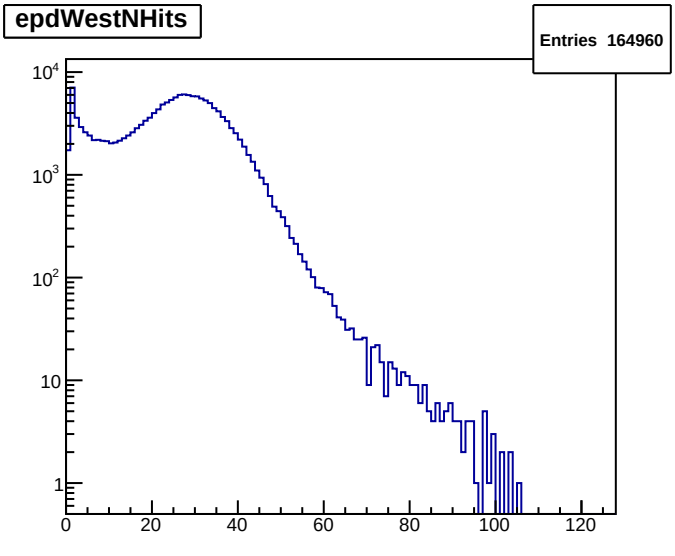
Entries 0
Data
Simu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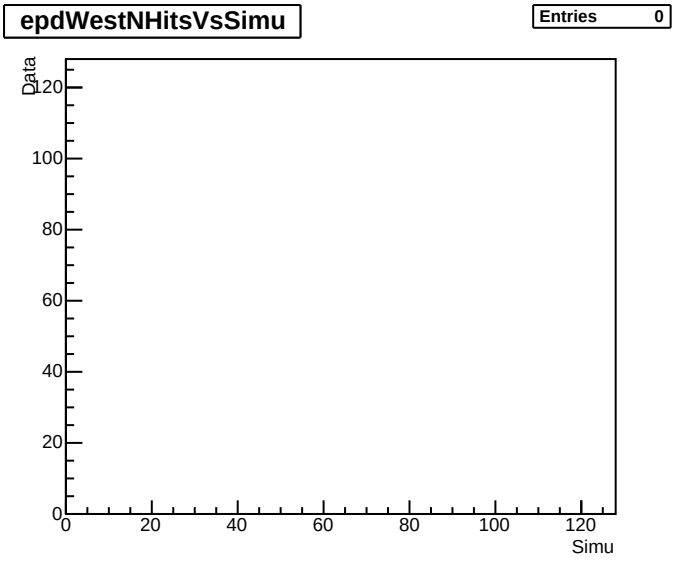
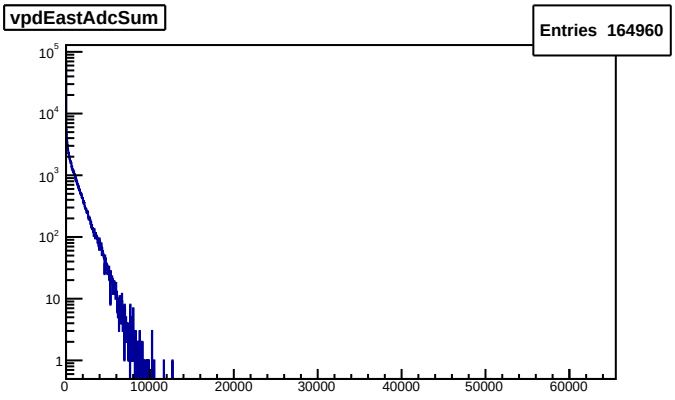
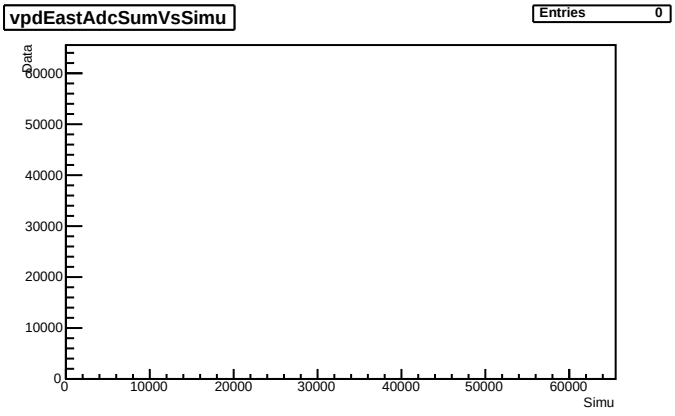
Entries 164960


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 164960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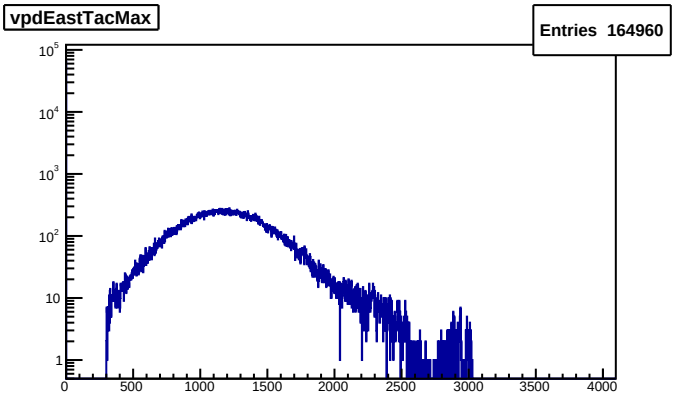
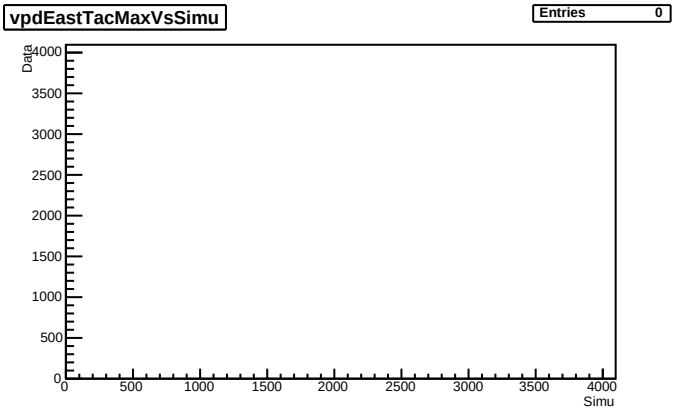
Entries 0
Data
Simu


vpdEastTacMax
Entries 164960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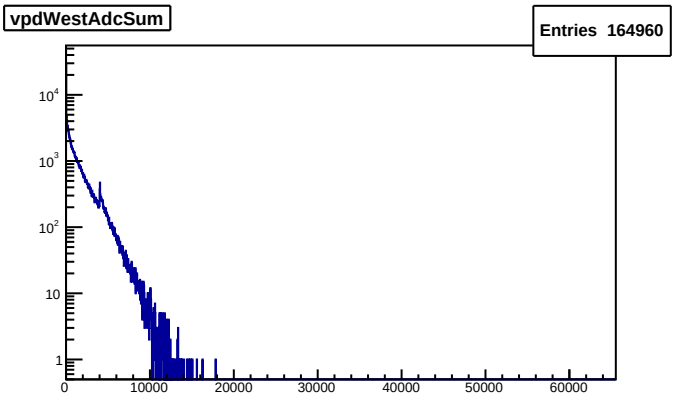
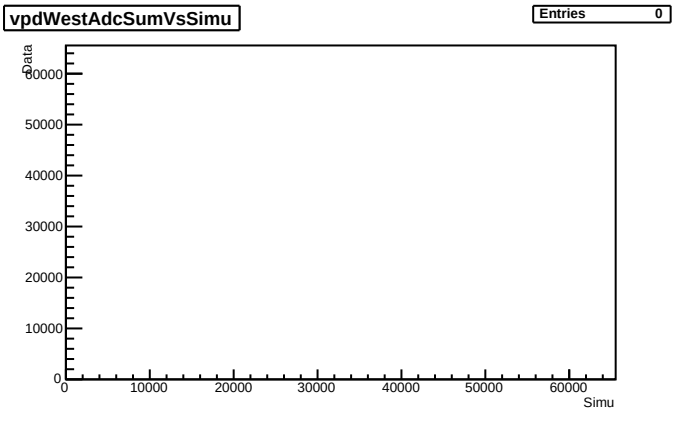
Entries 0
Data
Simu


vpdWestAdcSum
Entries 164960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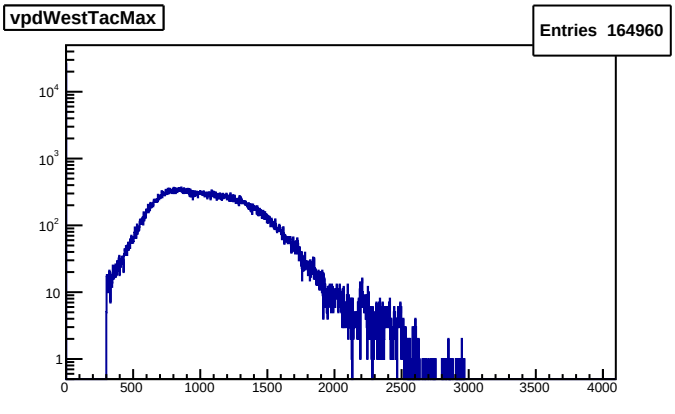
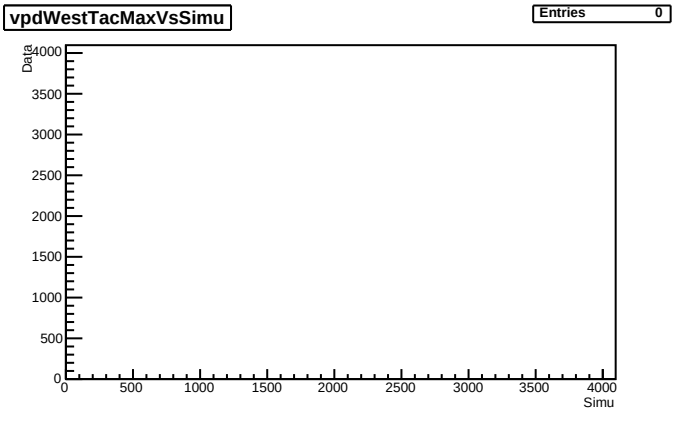
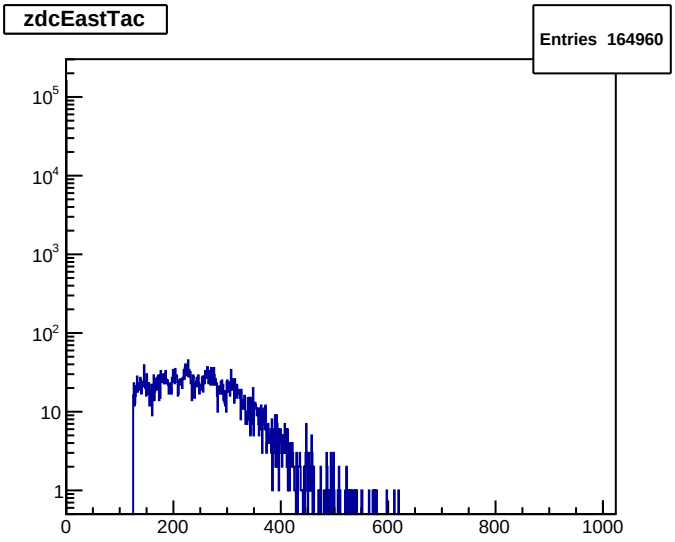
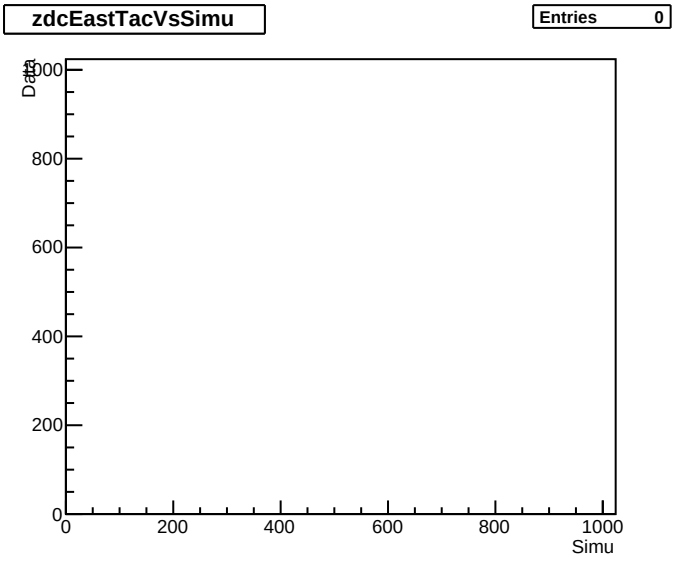
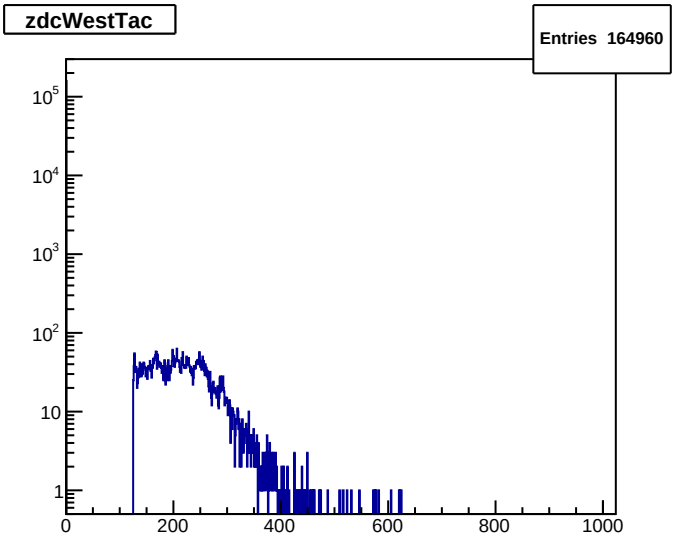
Entries 0
Data
Simu

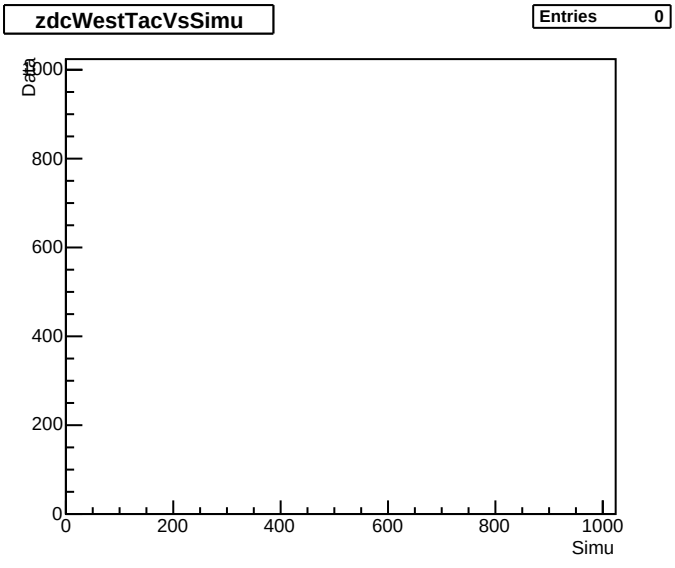

vpdWestTacMax
Entries 164960

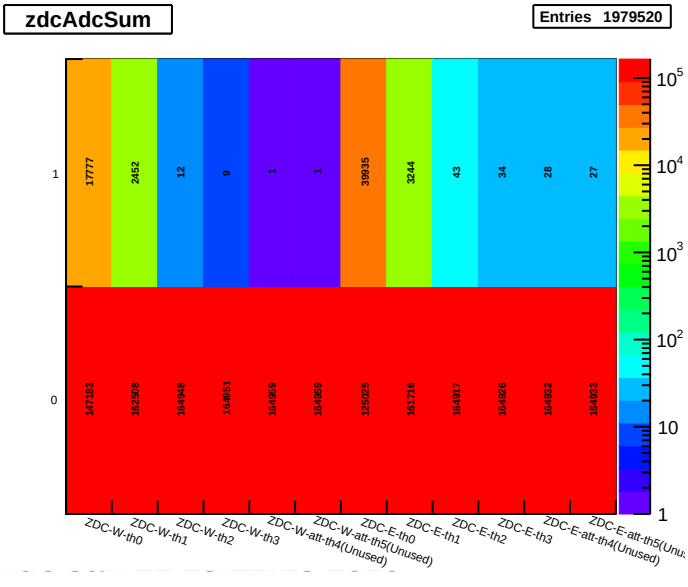

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 164960
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 164960
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 1979520
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0
17777
2452
12
9
1
1
39935
3244
43
34
28
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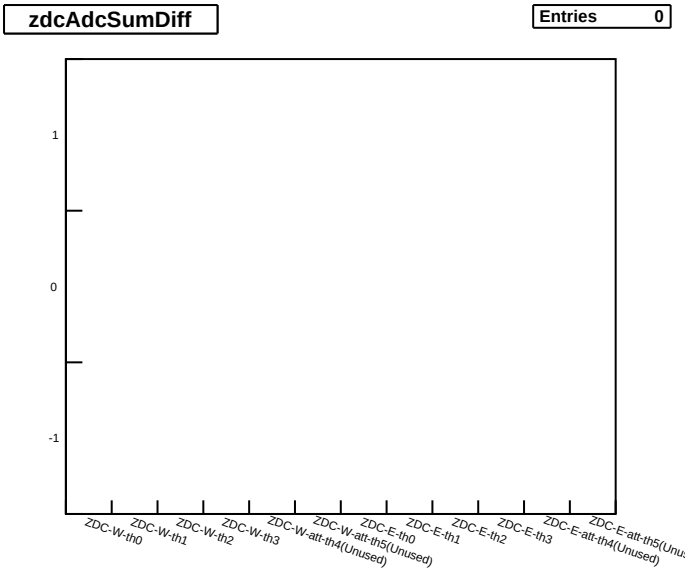
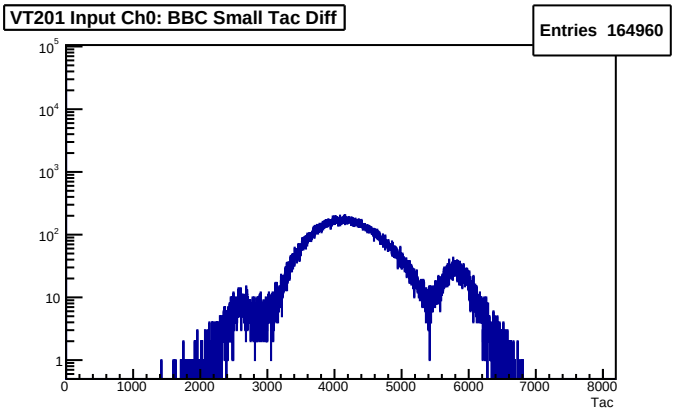
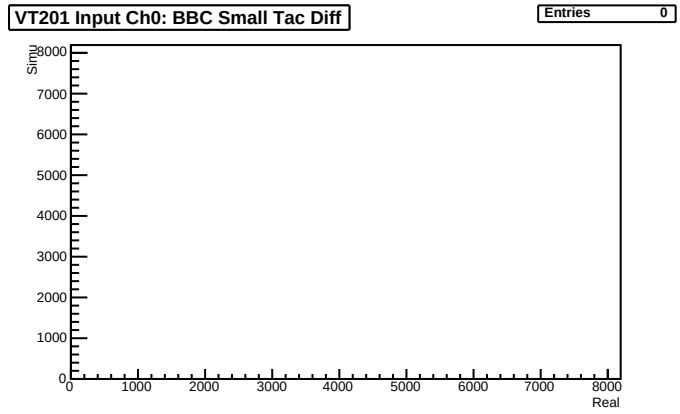
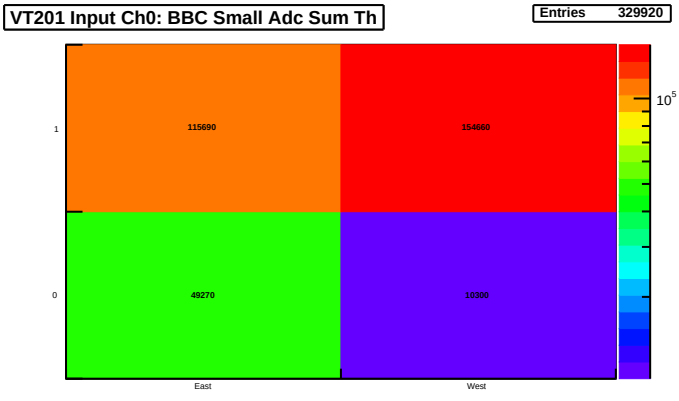
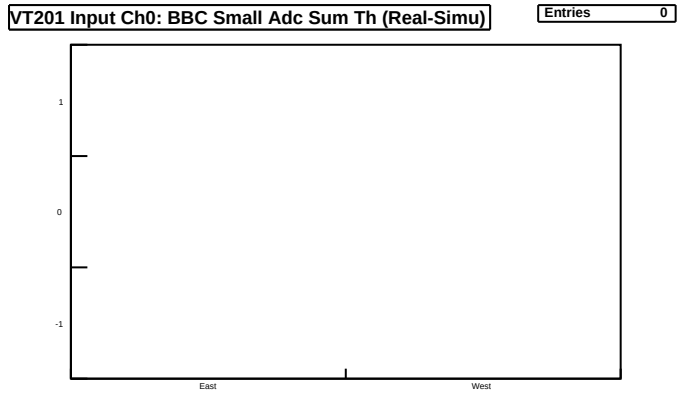
162508
164948
164951
164959
164959
125025
161716
164917
164926
164932
164933
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

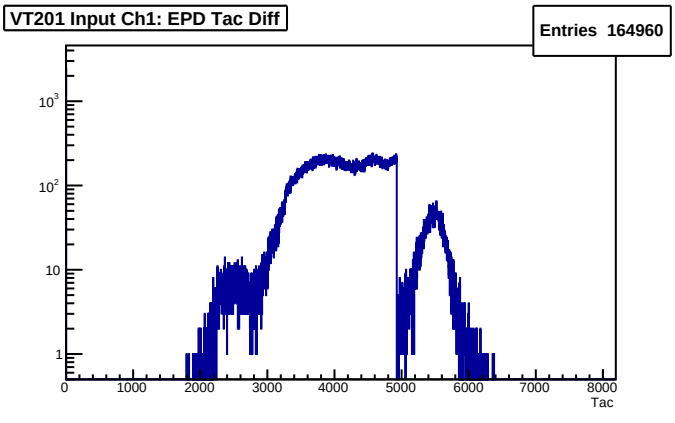

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

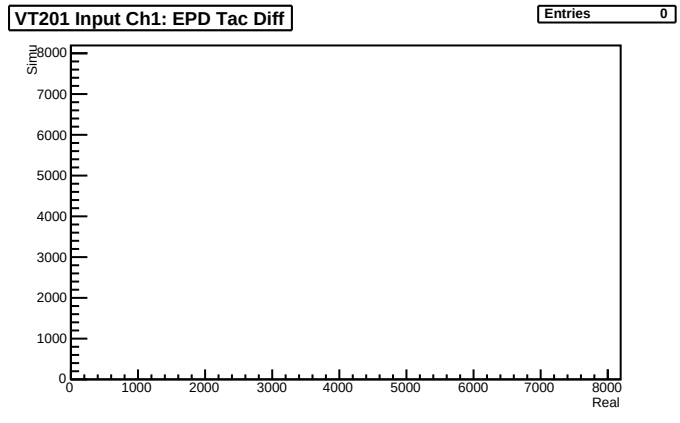

VT201 Input Ch0: BBC Small Tac Diff
Entries 164960
Tac

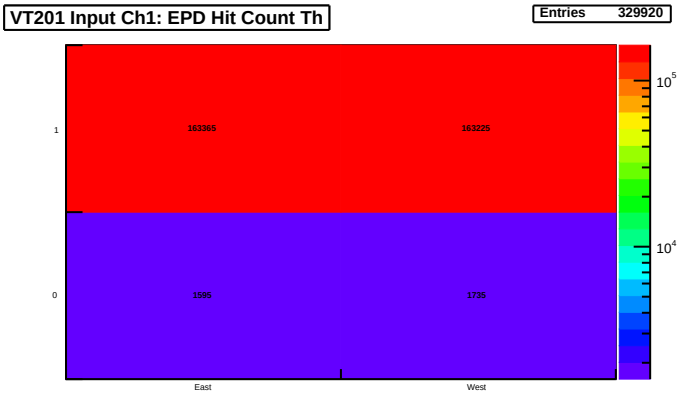

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real


VT201 Input Ch0: BBC Small Adc Sum Th
Entries 329920
115690
154660
49270
10300
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West


VT201 Input Ch1: EPD Tac Diff
Entries 164960
Tac


VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real


VT201 Input Ch1: EPD Hit Count Th
Entries 329920
163365
163225
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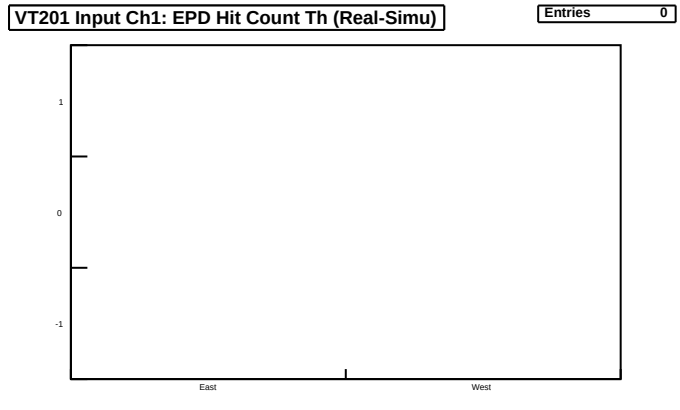
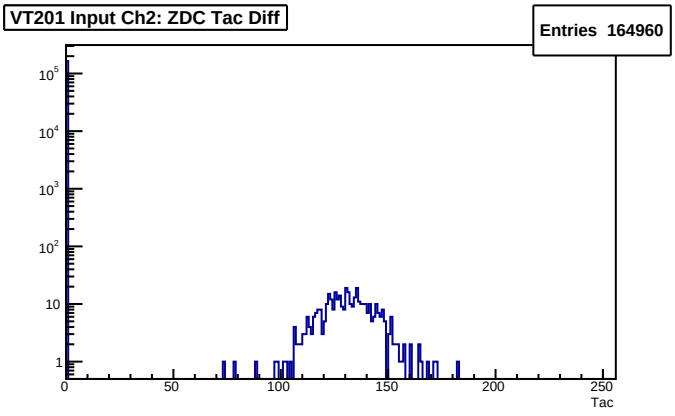
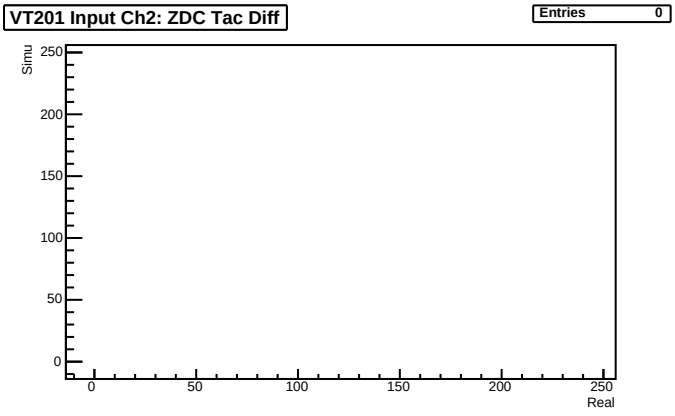
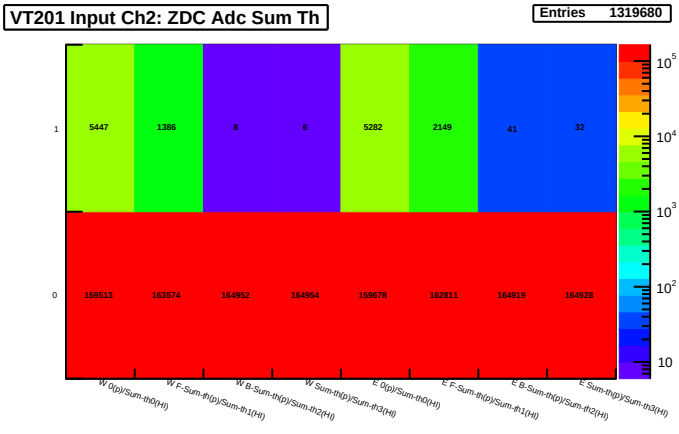
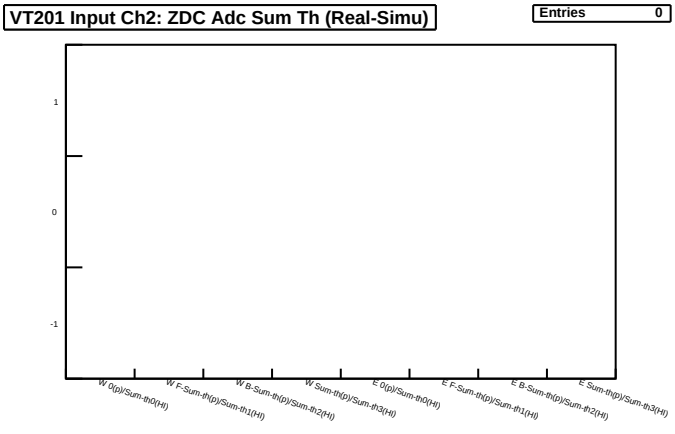
1735
East
West

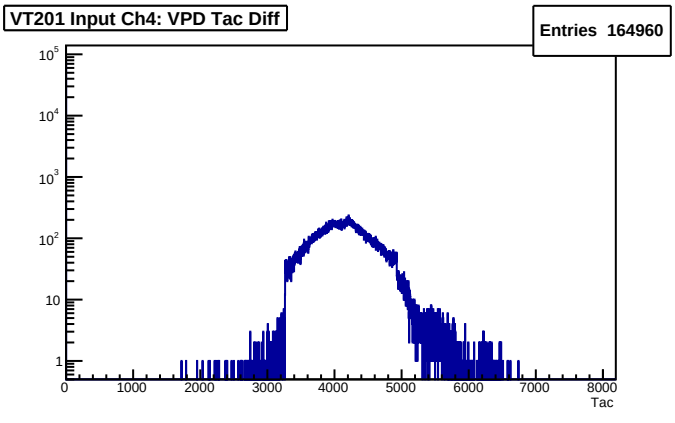

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

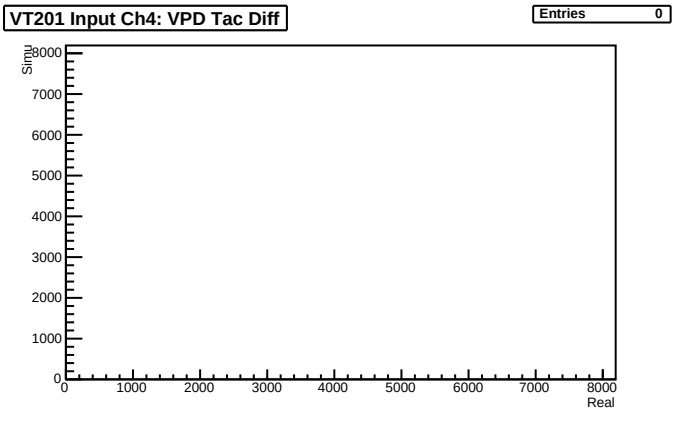

VT201 Input Ch2: ZDC Tac Diff
Entries 164960
Tac

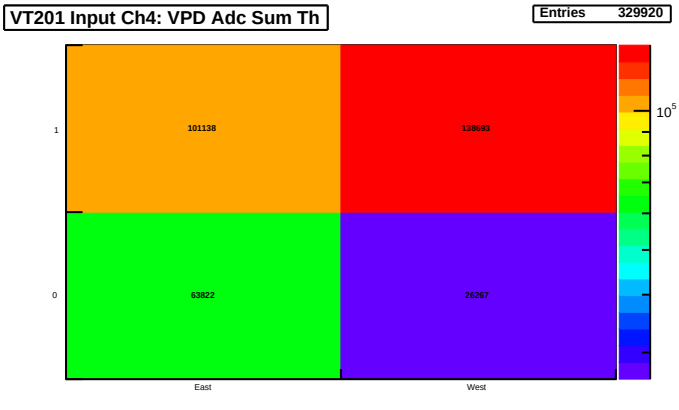

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

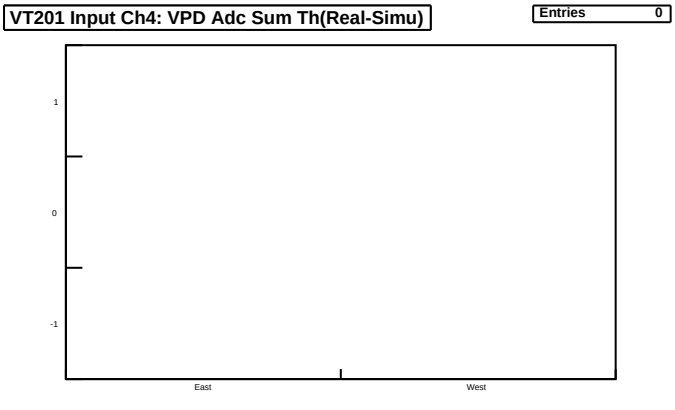

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1319680
5447
1386
8
6
5282
2149
41
32
159513
163574
164952
164954
159678
162811
164919
164928
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

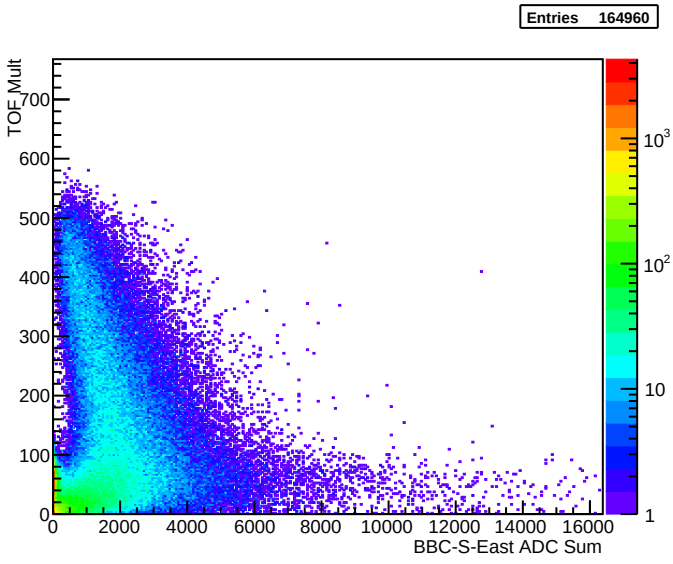

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

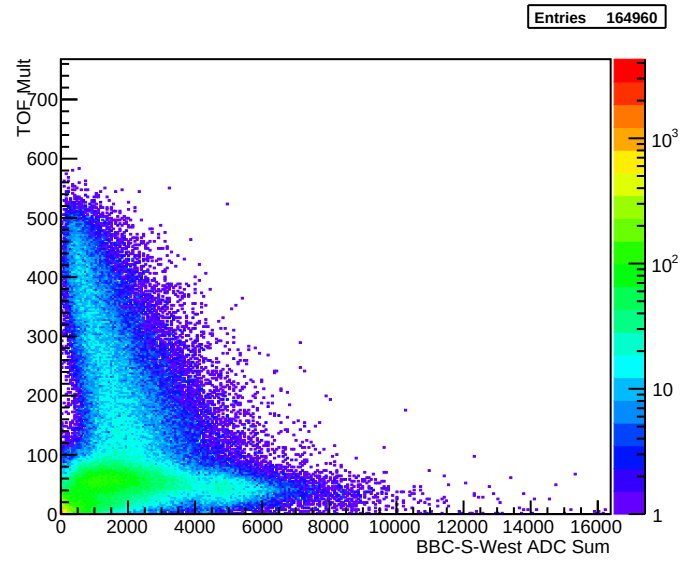

VT201 Input Ch4: VPD Tac Diff
Entries 164960
Tac

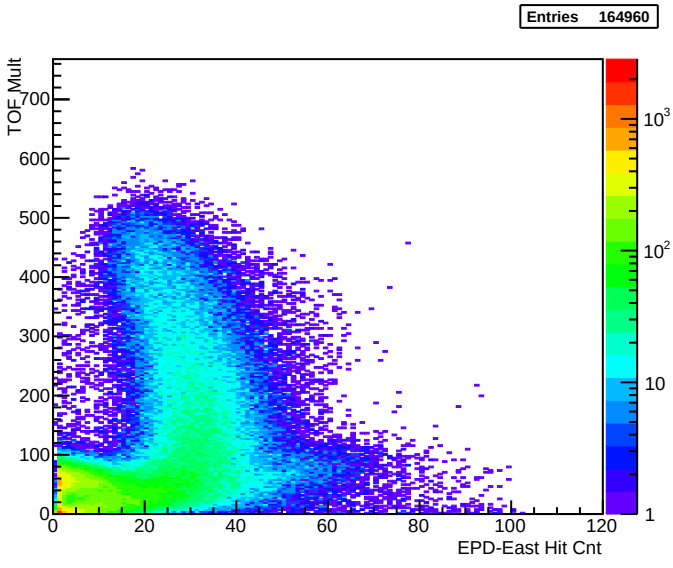

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

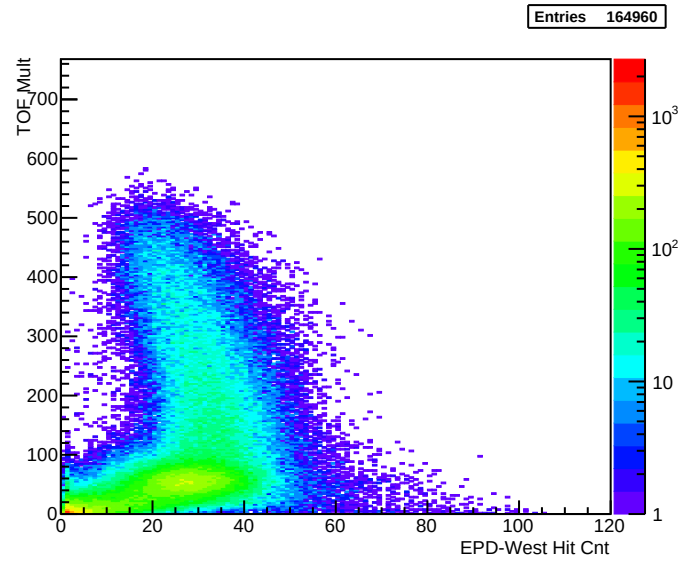

VT201 Input Ch4: VPD Adc Sum Th
Entries 329920
101138
138693
63822
26267
East
West

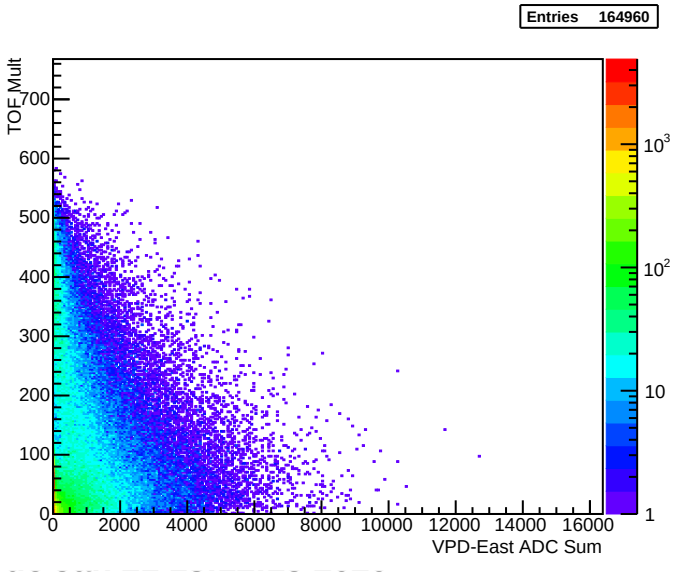

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

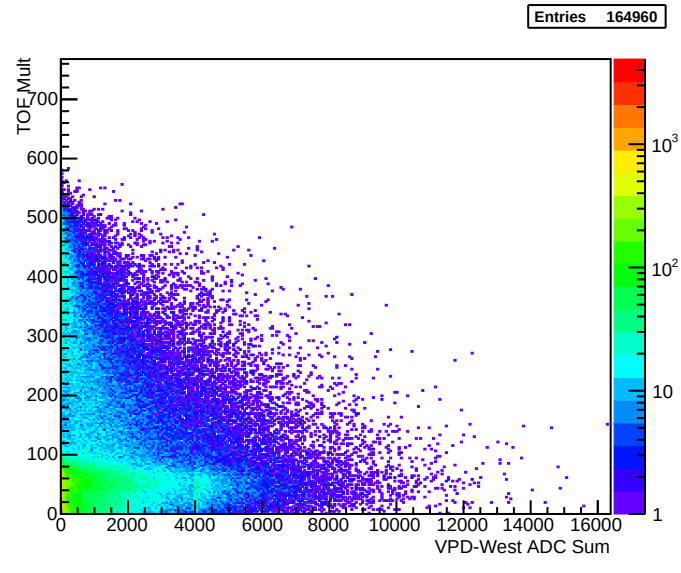

Entries 164960
TOF_Mult
BBC-S-East ADC Sum

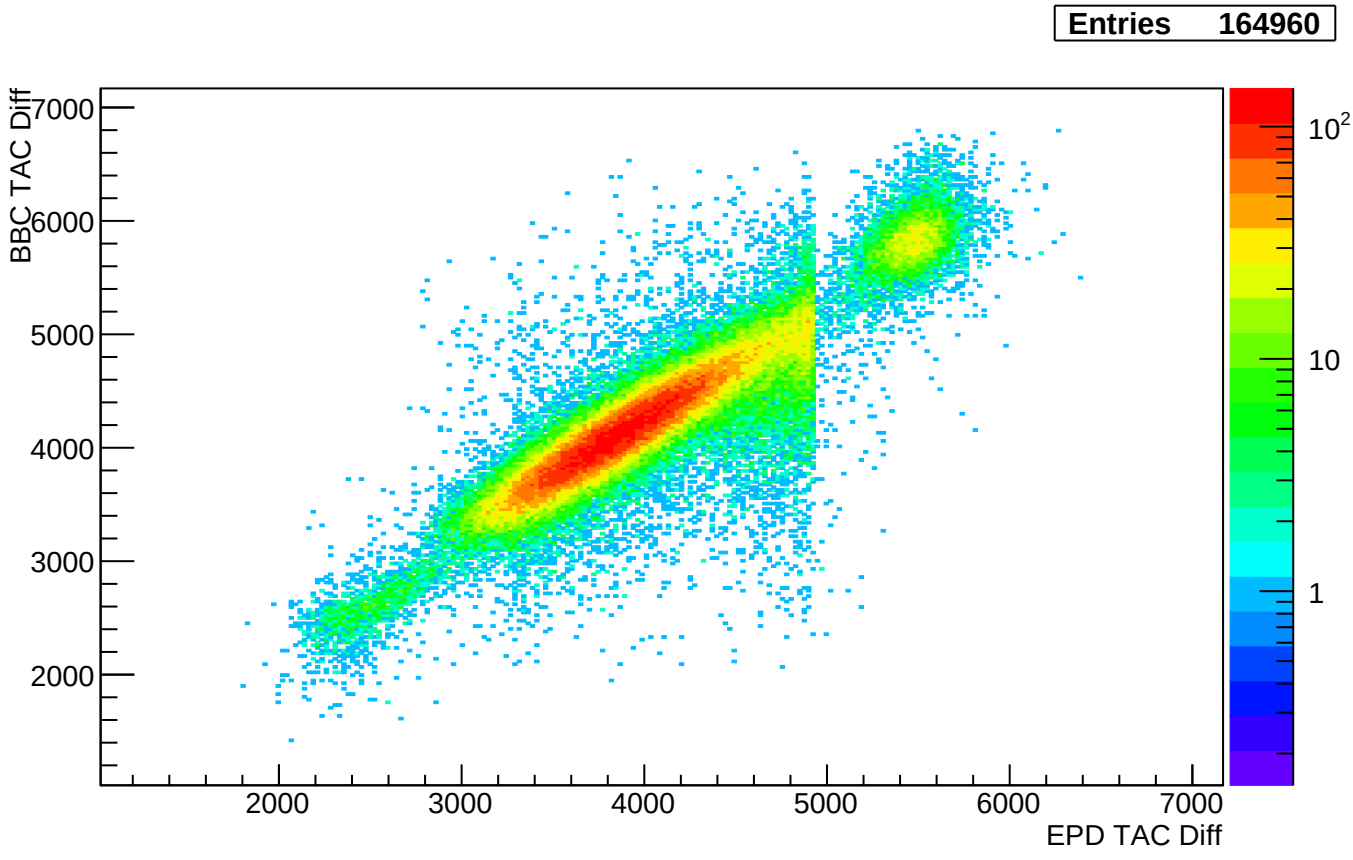

Entries 164960
TOF_Mult
BBC-S-West ADC Sum

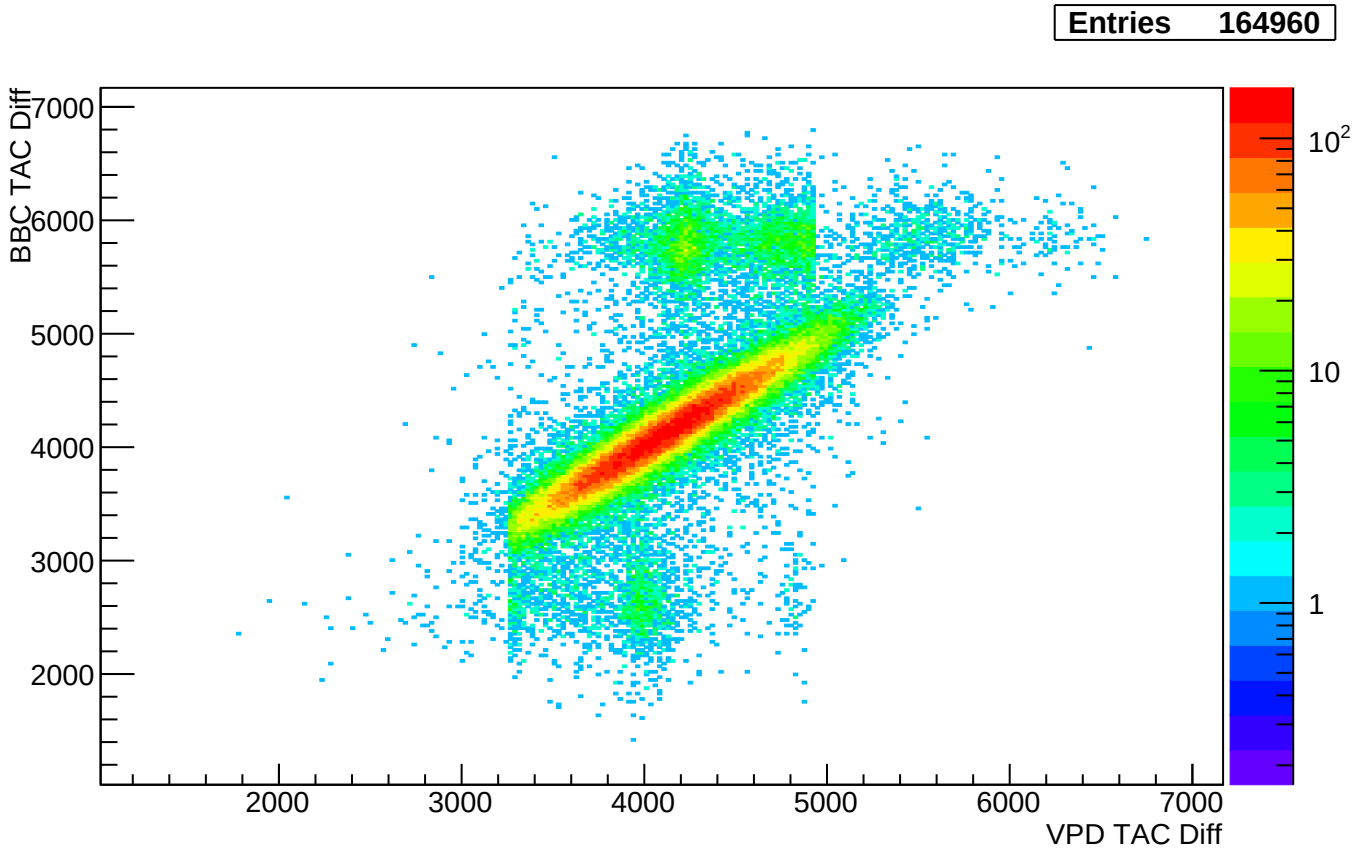

Entries 164960
TOF_Mult
EPD-East Hit Cnt

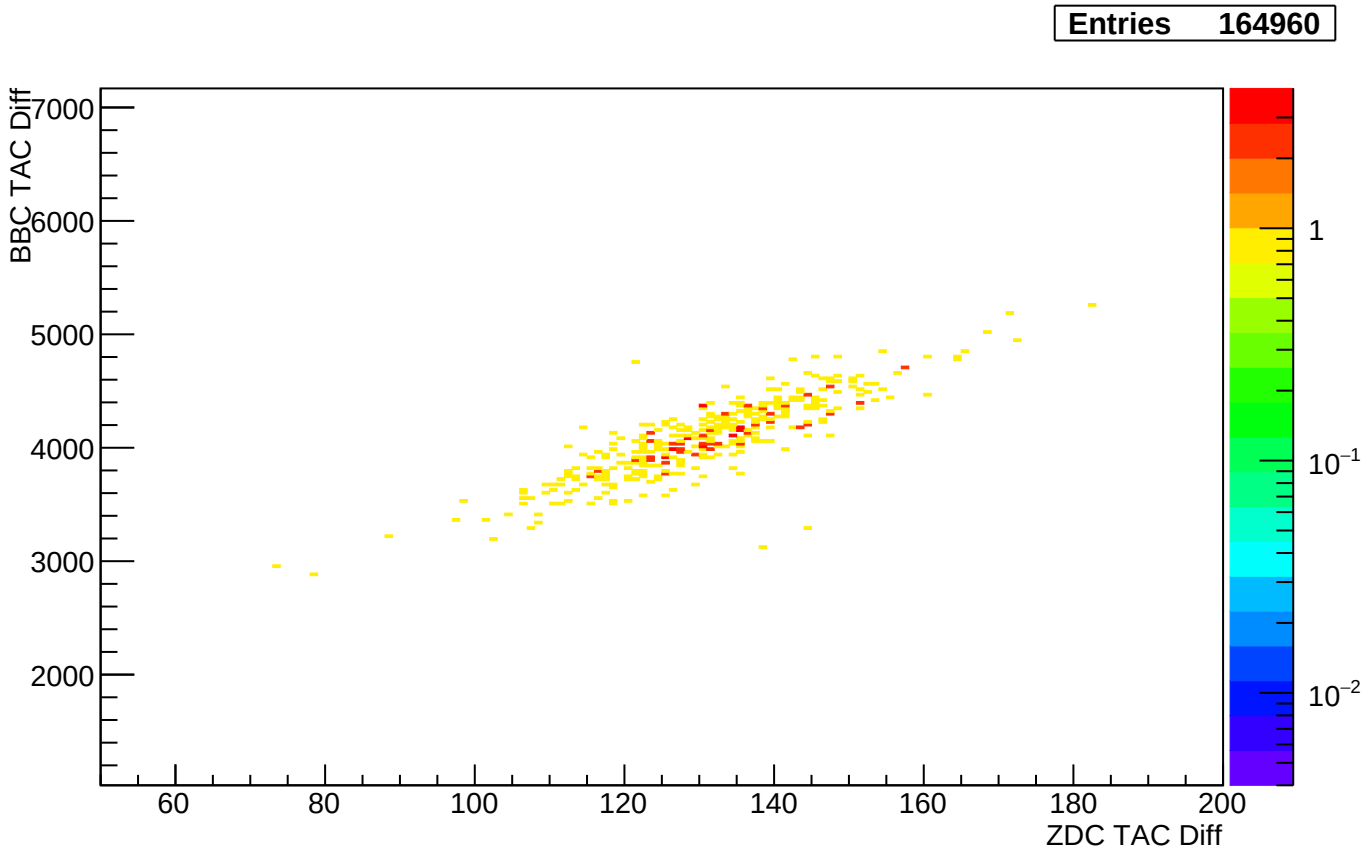

Entries 164960
TOF_Mult
EPD-West Hit Cnt

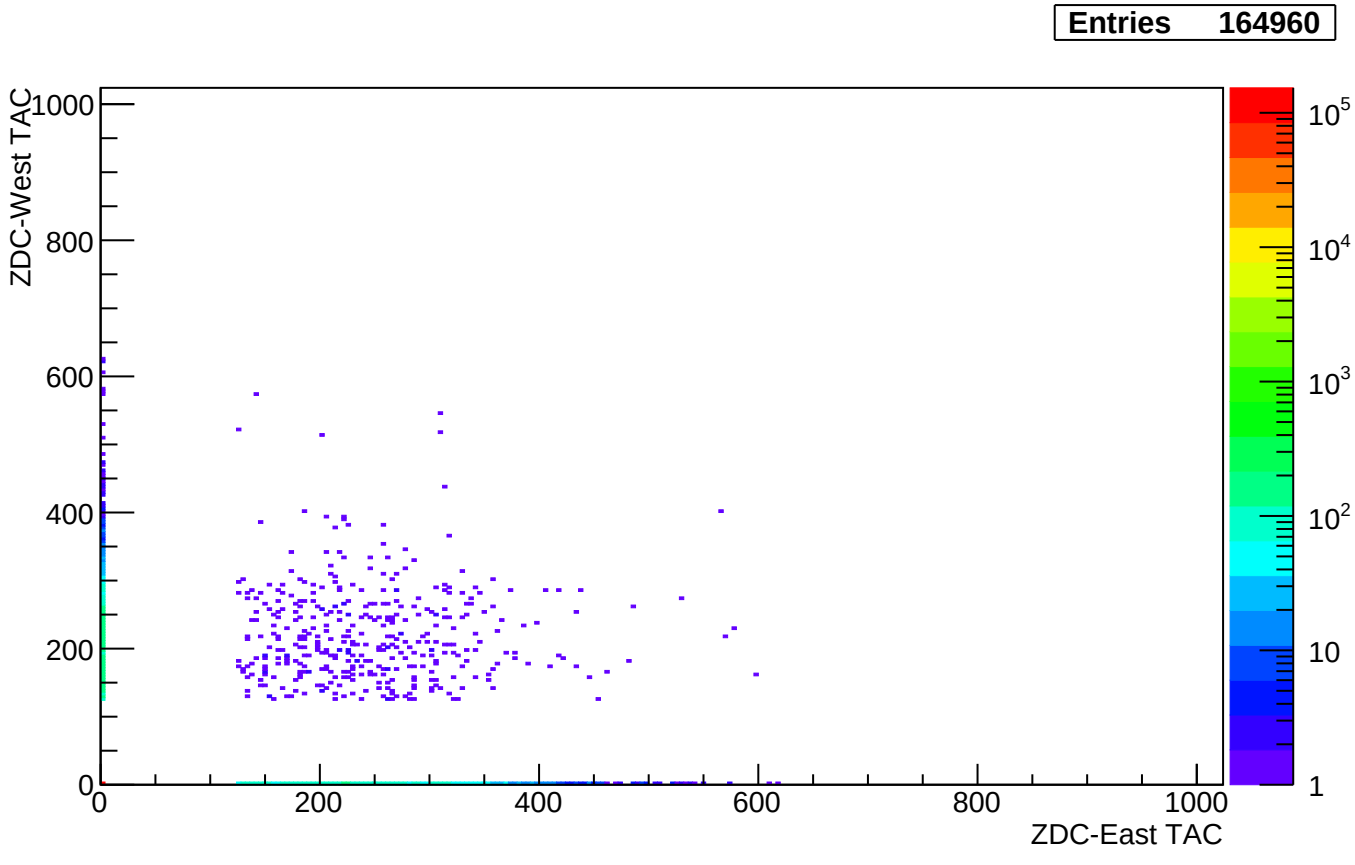

Entries 164960
TOF_Mult
VPD-East ADC Sum

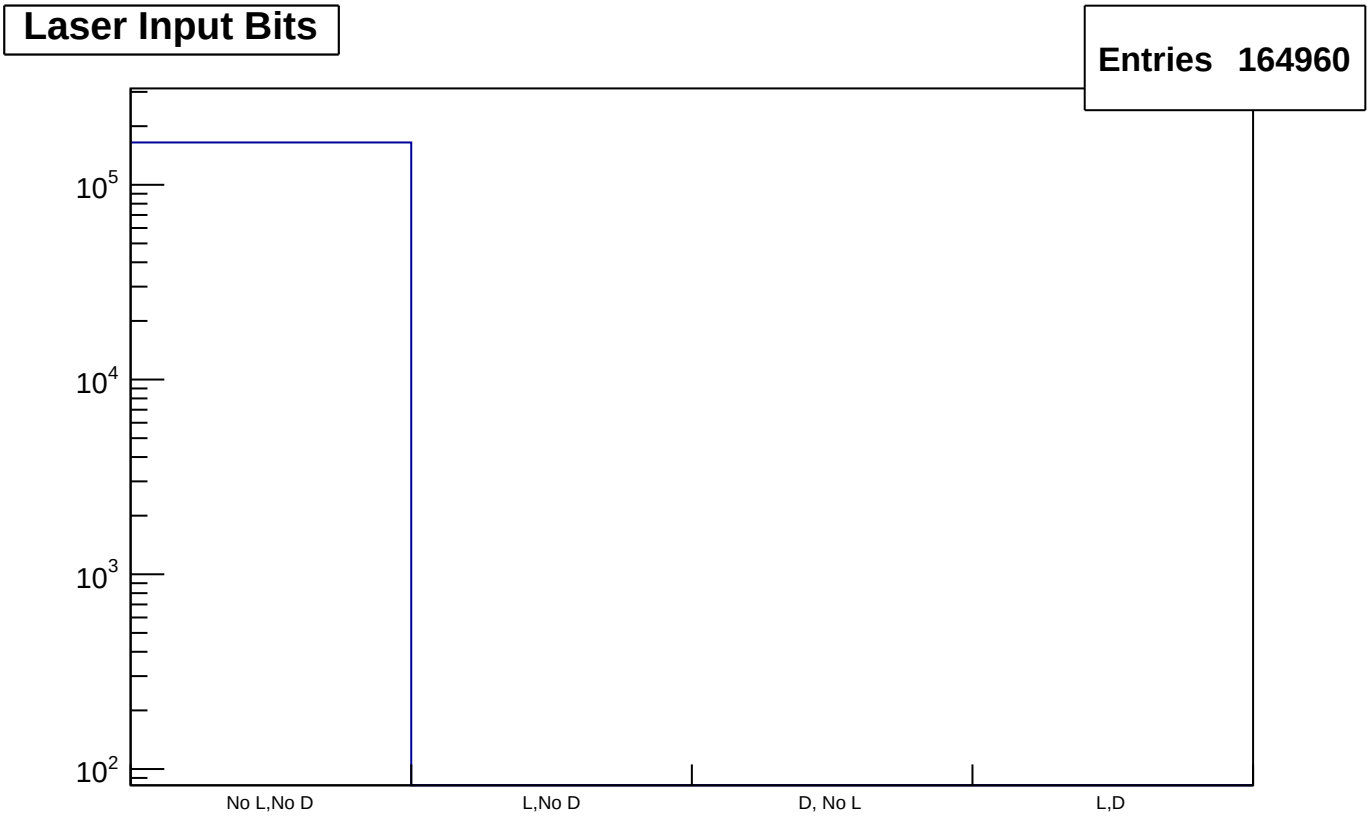

Entries 164960
TOF_Mult
VPD-West ADC Sum

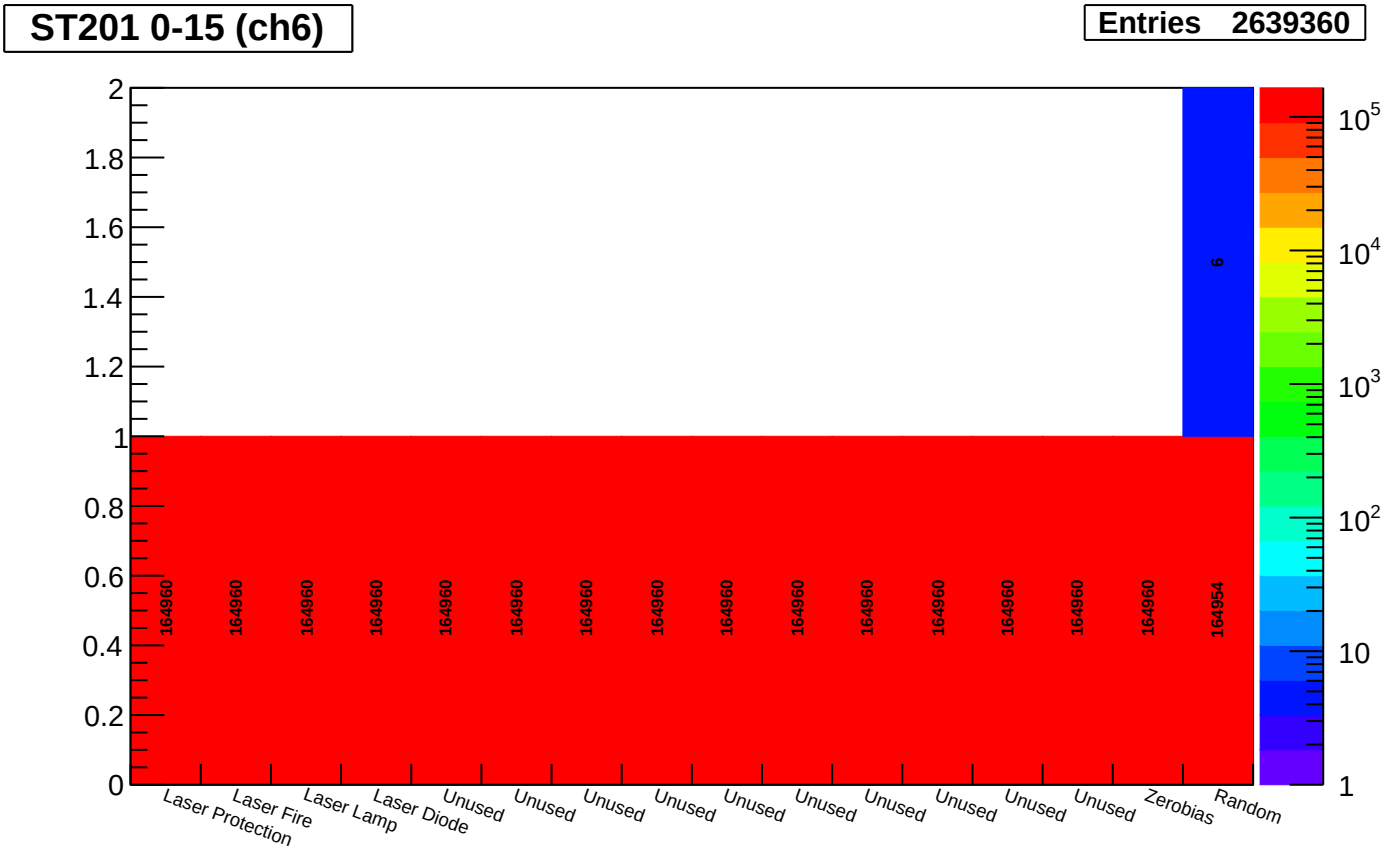

Entries 164960
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

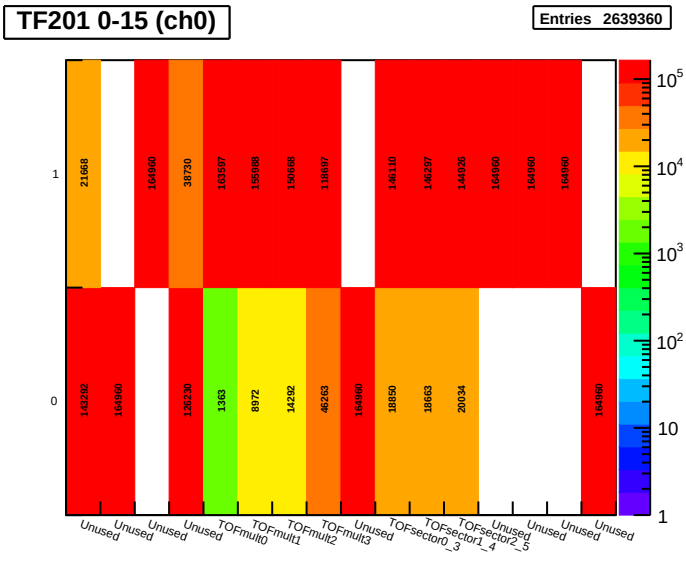

Entries 164960
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

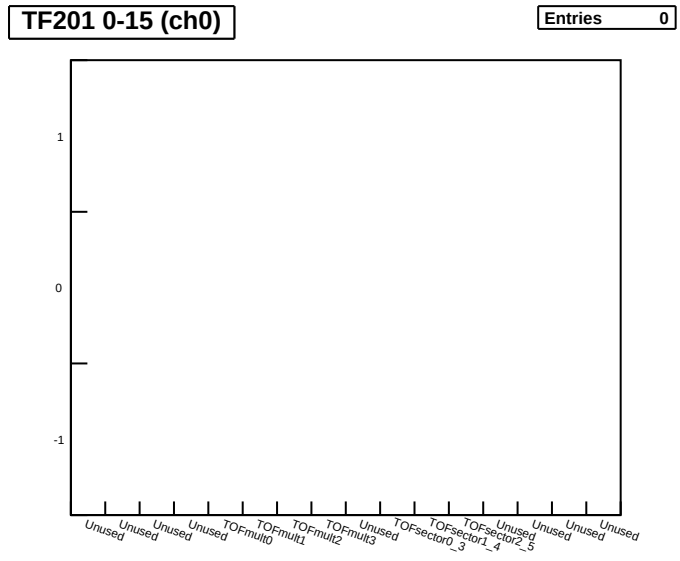

Entries 164960
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

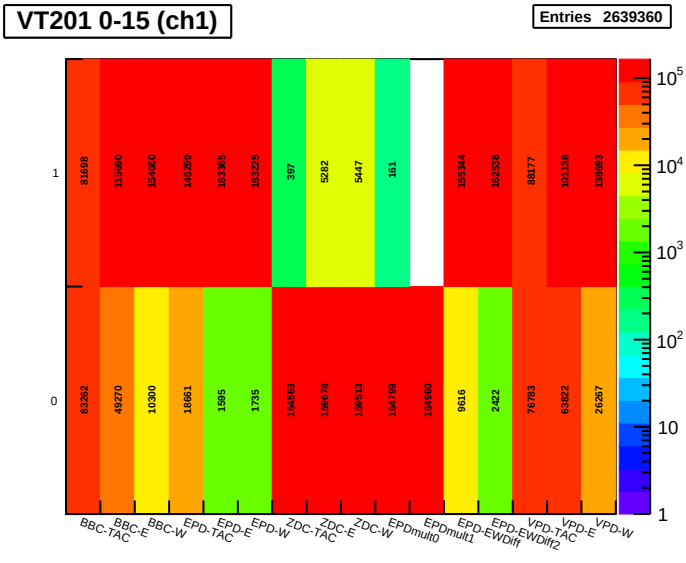

Entries 164960
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

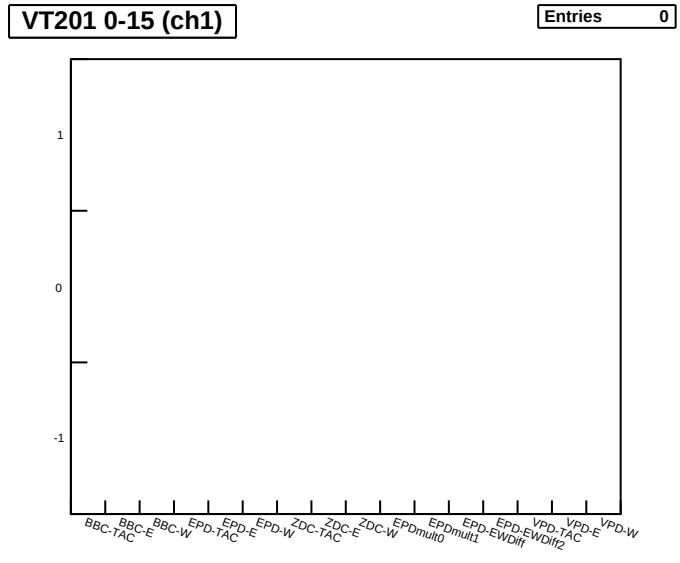

Laser Input Bits
Entries 164960
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

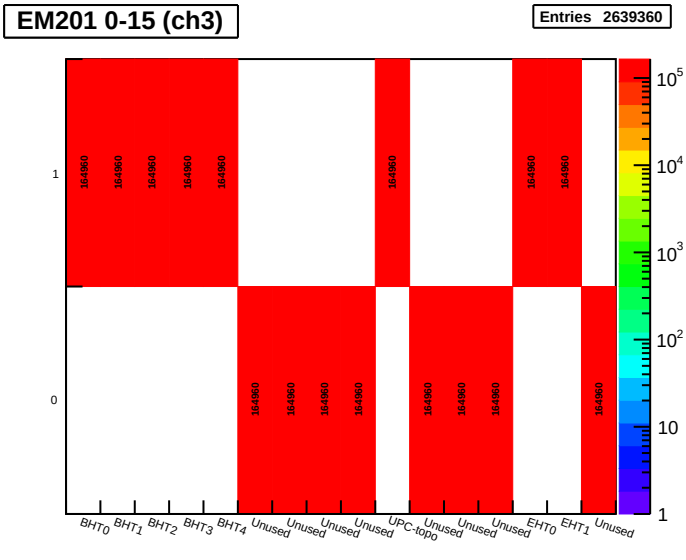

ST201 0-15 (ch6)
Entries 2639360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
164960
164954
6
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

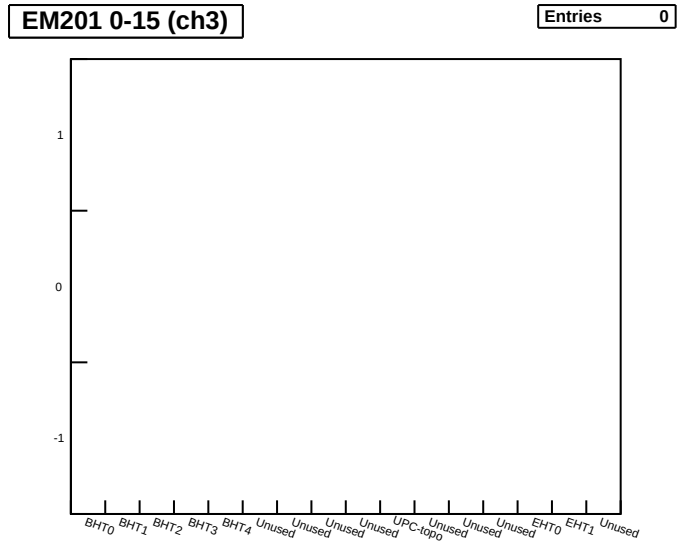

TF201 0-15 (ch0)
Entries 2639360
21668
164960
38730
163597
155988
150668
118697
146110
146297
144926
164960
164960
164960
143292
164960
126230
1363
8972
14292
46263
164960
18850
18663
20034
164960
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


TF201 0-15 (ch0)
Entries 0
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 2639360
81698
115680
154660
146299
163355
163225
397
5282
5447
161
155344
162538
88177
101138
138683
83262
49270
10300
18661
1595
1735
164563
159678
159513
164799
164960
9616
2422
76783
63822
26267
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 0
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 2639360
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
164960
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1